

< Maintenance Plan >

Provider: Sunghee Min Metal Arts LLC

Artist Name: Sunghee Min

Contact Information:

Email: sungheemin@yahoo.com

Telephone: 612-442-7456

Address: 3064 Evelyn Street, Roseville, MN 55113

Title of Artwork: Greeting Arc I, Greeting Arc II

Type of Artwork: Welded, painted stainless steel sculpture

Location of Artwork: 200 block of S. Pinckney Street, Madison, WI

Date Installed: November 1, 2023

Persons Furnishing Labor and Material for the Work: Sunghee Min, the artist and no other persons.

Description of Work

Greeting Arc I – A vertical sculpture that highlights shiny tactile surface in the concave curve part which contrasts the dark colored surfaces in the rest of the sculpture. The sculpture consists of two parts, a sculpture and a pedestal. The sculpture is bolted on the pedestal.

Greeting Arc II – A vertical sculpture that highlights shiny tactile surface in the half circle shaped concave curve part which contrasts the dark colored surfaces in the rest of the sculpture. The sculpture consists of two parts, a sculpture and a pedestal. The sculpture is bolted on the pedestal.

Dimensions

Greeting Arc I : Overall - 121”H x 15”W x 20” D

Sculpture Part - 97”H x 8”W x 15”D

Pedestal Part - 24”H x 15”W x 20”D

Greeting Arc II : Overall - 78”H x 24”W x 34” D

Sculpture Part - 60”H x 19”W x 30”D

Pedestal Part - 18”H x 24”W x 34”D

Weight

Greeting Arc I:

Sculpture Part - 150 lbs

Pedestal Part - 90 lbs

Greeting Arc II:

Sculpture Part - 160 lbs

Pedestal Part - 100 lbs

Materials

- **Metal Materials:**

304-2B Stainless steel sheets, 304 Stainless steel plates, angles, flat bars and tubes

- **Assembly Fasteners:** ½” stainless steel bolts and Nyloc (Nylock) nuts

- **Surface Preparation:**

Metal Cleaner and Degreaser by Sculpt Nouveau

CitriSurf 77 Stainless Steel Passivation Cleaner – commercial Grade by Stellar Solutions Store

- **Paint:**

Brand Name: KBS Coatings (www.kbs-coatings.com)

Product Name: Top Coater

Color: Flat Black Camo (Matte) , Part # 8562

- **Anti-Graffiti Protective Coatings:**

Product Type: Non Sacrificial

Brand Name: Sculpt Nouveau

Product Name: Hydro Clear, Satin – used on the black painted surfaces.

Ever Clear, Gloss - used on the shiny curved surfaces.

Maintenance

All maintenance should be carried out by a qualified conservator.

Routine Maintenance

- Wash the surfaces of the sculptures with water to remove dust, dirt and residue from snow and salt in spring time annually.
If grease or tough stains are present, use mild soap.
Car wash soap that doesn't contain wax is appropriate.
*Do not use dish washing soap.

If using a spray hose, keep the stream at low.

- *Do not use power washer as it can remove the clear coating, paint, grinding patterns.
- *Do not use Acetone as it will affect the glossiness of the clear coating.

- Examine for scratches, discolorations, vandalism.
- Examine fasteners for looseness.
- Examine for worn out protective coatings.
- Use Sculpt Nouveau Graffiti Remover to remove graffiti or marker vandalism.
- Contact the artist if there's a damage on the original surface of the shiny bare metal area.

Cyclical Maintenance

Reapplication of protective/anti-graffiti coating:

The applied coatings are expected to last minimum five to six years.

The product manufacturer recommends reapplying every five years for Minnesota weather conditions.

Product Name: Hydro Clear, Satin, on black painted surface.

Ever Clear, Gloss, on shiny bare metal surface.

Company Name: Sculpt Nouveau (www.sculptnouveau.com)

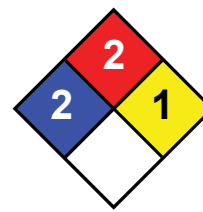
Application Method: Black painted surface - Roller brush, spray

Shiny bare metal surface - spray

- * SDS Info materials for each suggested material and other materials used in the sculptures is attached.
- * Ever Clear can be used for both shiny bare metal surface and black painted surface.
- * Hydro Clear can not be used on shiny bare metal surface.

SCULPT NOUVEAU

Safety Data Sheet





Health	2
Fire	2
Reactivity	1
Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	EVER CLEAR
Chemical Name:	Resin Solution
Trade Name:	EVER CLEAR PROTECTIVE COATING
Product Use:	Clear Sealer
Distributor's Name:	Sculpt Nouveau
Distributor's Address:	1155 Industrial Ave. Escondido, CA 92029
Emergency Phone:	CHEMTREC 800-424-9300 U.S. and Canada; +1-703-527-3887 International
Business Phone:	800-728-5787

2. HAZARDS IDENTIFICATION

Hazard Identification:	<p>This product is classified as a hazardous substance as assessed in accordance with OSHA 29 CFR 1910.1200. DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY. FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION. <u>Hazard Statements (H):</u> H317 - May cause allergic skin reaction. H226 Flammable liquid and vapor. <u>Precautionary Statements (P):</u> P210 - Keep/Store away from heat/sparks/open flames/hot surfaces - No Smoking. P240 - Ground/bond container and receiving equipment. P233 - Keep container tightly closed. P243 - Take precautionary measures against static charge. P280 - Wear protective gloves/eye protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P301 - Do NOT induce vomiting. P261 - Avoid breathing mist/sprays. P272 - Contaminated work clothing should not be allowed out of the workplace. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical medical /attention. P321 - Specific treatment - see section 4 of this SDS. P370+P378 - In case of fire: Use carbon dioxide, foam or dry chemical fire extinguisher. P363 - Wash contaminated clothing before reuse. P403+P235 - Store in a cool, well ventilated place, keep cool. P501 - Dispose of contents/container to licensed treatment storage facility.</p>	 
Effects of Exposure:	<p>Eyes: Irritation upon direct contact. Skin: Irritation and possible dermatitis. Ingestion: Irritation to gastrointestinal tract.. Inhalation: Inhalation of high vapor concentrations may cause CNS effects, headache, dizziness.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Nausea and vomiting, severe abdominal pain. Harmful or fatal if ingested. Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing.</p>	
Acute Health Effects:	<p>May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May be harmful if swallowed. Breathing of high vapor concentrations may cause headaches, stupor, irritation of throat and eyes, kidney effects.</p>	
Chronic Health Effects:	<p>May damage the nervous system, kidney and/or liver.</p>	
Target Organs:	<p>Eyes, skin, lungs.</p>	

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm						
			ACGIH			OSHA		NOHSC	
			TLV	STEL	TWA	STEL	IDLH	TWA	STEL
Parachlorobenzotrifluoride	98-58-6	10-50	NE	NE	NE	NE	NA	NA	NF
Acrylic Polymer	06-42-3	10-50	NA	NA	NA	NA	NA	NA	NF
Proprietary Non Hazardous Ingredients		10-50	NA	NA	NA	NA	NA	NF	NF
Tert-Butyl Acetate	540-88-5	10-50	200	150	200	NA	1500	200	NF

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found;
 All WHMIS required information is included. It is located in appropriate sections based on the ANSI Z200.1-2010 format.

4. FIRST AID MEASURES

First Aid:	<p>Ingestion: DO NOT INDUCE VOMITING. Contact nearest Poison Control Center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p>Eyes: If product gets in eyes, flush eyes thoroughly with large amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.</p> <p>Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort or a skin reaction occurs, contact a physician. Do not wear contaminated clothing until cleaned.</p> <p>Inhalation: Remove victim to fresh air at once. Seek immediate medical attention if breathing is difficult.</p> <p>To Physician: Administration of adsorbents such as activated charcoal may be of value. Gastric lavage may be effective when performed by a physician within 4 hours of ingestion.</p>
Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the eyes or respiratory system or impaired kidney function may be more susceptible to the effects of this substance.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazard :	Does not sustain combustion but will burn under fire conditions. Over-heated drums may rupture. Heavy vapors can travel to source of ignition and flash back.
Extinguishing Methods :	Use carbon dioxide, foam, water fog or spray.
Firefighting Procedures :	As with any fire, firefighters should wear appropriate protective equipment including a NIOSH approved or equivalent self contained breathing apparatus and protective clothing. Fight fires as for surrounding materials. Water may be used to cool containers. If water is used, fog nozzles are preferred.

6. ACCIDENTAL RELEASE MEASURES

Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate personal protective equipment (PPE). Use safety glasses and face shield, gloves and other protective clothing to prevent skin contact. Insure adequate ventilation. Eliminate all source of sparks (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind. Absorb spillage with inert material and dispose of in accordance of E.P.A. and other local, state and federal authorities. For waste disposal methods, consult federal, state and local regulations. Place in closed containers. Dispose of product in accordance with these regulations.
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7. HANDLING & STORAGE INFORMATION

Work and Hygiene Practices:	Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Do not expose to heat and flame, keep away from sparks. Use only in ventilated areas. Immediately clean up and decontaminate any spills or residues.
Storage and Handling:	Use and store in a cool, dry, well ventilated location (e.g., local exhaust ventilation, fans), away from heat and sources of ignition, keep away from sparks. Ground and bond all transfer equipment.
Special Precautions:	Empty containers may retain hazardous product residues. Do not reuse empty containers for other purposes.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation and Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate equipment is available (eye wash station, sink, etc.).
Respiratory Protection:	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical or mechanical filters recommended when ventilation is restricted. Do not breathe vapors or spray mist. Wear appropriate respirator during and after application unless air monitoring records vapor/mist levels below acceptable limits. Follow manufacturer directions for use.
Eye Protection:	Safety glasses with side shields must be used when handling this product. A face shield is also recommended.
Hand Protection:	Wear protective, chemical-resistant gloves, (e.g., neoprene) when handling this product.
Body Protection:	A chemical resistant apron and protective clothing are recommended when handling or using this product.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	Solvent odor
Odor Threshold:	N/A
pH:	N/A
Melting and Freezing Point:	N/A
Boiling Point/Range:	144°C (291.20°F) Initial
Flashpoint:	27°C (80.60°F) Setaflash closed cup
Flammability Limits:	N/A
Vapor Pressure:	10.66 Pa at 20.00°C (68°F) estimated
Vapor Density:	>1.0000 (Air = 1)
Relative Density:	1.0000 (Water = 1)
Solubility:	Practically insoluble
Evaporation Rate:	<1 (N-Butyl acetate = 1)
VOC	Zero - Exempt

10. STABILITY & REACTIVITY

Stability:	Stable at normal temperatures and pressures.
Hazardous Decomposition:	Chlorine and fluorine containing gases can be produced.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Excessive heat, shock, friction, build up of static electricity, sparks
Incompatible Substances:	Strong oxidizing agents, acids and strong bases.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes	
Toxicity Data:	Parachlorobenzotrifluoride: LD ₅₀ (oral, rat) = > 6.8 g/kg; LD ₅₀ (dermal, rabbit) = 2.7g/kg. Tert-butyl Acetate: LD ₅₀ (oral rat) = 2.23 mg/l			
Acute Toxicity:	See section Section 2 for acute toxicity			
Chronic Toxicity:	See section Section 2 for chronic toxicity			
Suspected Carcinogen:	NA			
Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans			
Mutagenicity:	This product is not reported to cause mutagenic effects in humans or animals.			
Embryotoxicity:	This product is not reported to cause embryotoxic effects in humans.			
Teratogenicity:	Similar material to the Acrylic Polymer has been known to cause birth defects in laboratory animals.			
Irritancy of Product:	See Section 2			
Biological Exposure Indices:	NE			
Physician Recommendations:	Treat symptomatically			

12. ECOLOGICAL INFORMATION

Environmental Stability	No data available
Effects on Plants & Animals:	No data available
Effects on Aquatic Life:	Tert-Butyl Acetate: LC ₅₀ (pimephales primelaws, 96 h) = 296-362 mg/l, LC ₅₀ (Leuciscus idus melantus, 48 h) = 423 mg/l Parachlorobenzotrifluoride: LC ₅₀ (Oncorhynchus mykiss, 96 h) = 13.5 mg/l, LC ₅₀ (Lepomis macrochirus, 96 h) = 12 mg/l

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler.
Special Considerations:	N/A

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	UN1866 RESIN SOLUTION, 3, III
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product contains Parachlorobenzotrifluoride, a substance subject to SARA Title III, section 313 reporting requirements.
SARA Threshold Planning Quantity	N/A
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
Federal and State Regulations:	Tert-Butyl Acetate is found on the following state criteria lists: Right-to-Know List, MA, NJ, PA RI. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: Massachusetts Hazardous Substances List, New Jersey Right-to-Know List, Pennsylvania Hazardous Substances List, and Rhode Island Right-to-Know list
Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class B2(Flammable Liquid).
CERCLA Reportable Quantity:	Tert-Butyl Acetate: 5000 lbs
Other Federal Requirements:	NA
Other Requirments:	The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC. Flammable. Irritating to eyes, respiratory tract and skin. Keep out of reach of children. Keep container tightly closed. Keep container in a well ventilated place. Keep way from sources of ignition. No smoking. Do not breathe fumes/mists/vapor spray.

16. OTHER INFORMATION

Other Information:	DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY. Flammable liquid and vapor. May cause an allergic skin reaction. Keep away from heat/sparks/open flames/hot surfaces. No Smoking.
Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Sculpt Nouveau's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
Prepared For:	Sculpt Nouveau 1155 Industrial Ave. Escondido, CA 92029 USA Tel: 760 432 8242 Fax: 760-741-1074 www.sculpnouveau.com

Safety Data Sheet






Health	1
Fire	2
Reactivity	0
Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	GRAFFITI REMOVER
Chemical Name:	GRAFFITI REMOVER
Trade Name:	Graffiti Remover
Product Use:	Cleaner
Distributor's Name:	Sculpt Nouveau
Distributor's Address:	1155 Industrial Ave. Escondido, CA 92029
Emergency Phone:	CHEMTREC 800-424-9300 U.S. and Canada; +1-703-527-3887 International
Business Phone:	800-728-5787

2. HAZARDS IDENTIFICATION

Hazard Identification:	<p>This product is classified as a hazardous substance as assessed in accordance with OSHA 29 CFR 1910.1200.</p> <p>DANGER! FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION.</p> <p><u>Hazard Statements (H):</u> H226- Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 - May cause skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. <u>Precautionary Statements (P):</u> P210 - Keep/Store away from heat/sparks/open flames hot surfaces - No Smoking. P240 - Ground/bond container and receiving equipment. P233 - Keep container tightly closed. P241 - Use explosion-proof electrical/ventilating/lighting/equipment. P242 - Use non-sparking tools. P243 - Take precautionary measures against static charge. P261 - Avoid breathing /dust/fume/gas/mist/vapors/spray. P264 - Wash skin thoroughly after handling. P280 - Wear protective gloves/eye protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 - Do NOT induce vomiting. P303+P353+361 - IF ON SKIN: Remove immediately all contaminated clothing. Wash with plenty of soap and water. P305+P351 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 - If skin irritation or rash occurs, get medical attention/advice. P337+P313 If eye irritation persists, get medical attention/advice.</p>	  
Effects of Exposure:	<p>Eyes: Irritation upon direct contact.</p> <p>Skin: Irritation and possible dermatitis.</p> <p>Ingestion: Irritation to gastrointestinal tract..</p> <p>Inhalation: Inhalation of high vapor concentrations may cause CNS effects, headache, dizziness.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes.</p> <p>Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis).</p> <p>Ingestion: Nausea and vomiting, severe abdominal pain. Harmful or fatal if ingested.</p> <p>Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing.</p>	
Acute Health Effects:	May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May be harmful if swallowed. Breathing of high vapor concentrations may cause headaches, stupor, irritation of throat and eyes, kidney effects.	
Chronic Health Effects:	May damage the nervous system, kidney and/or liver.	
Target Organs:	Eyes, skin, lungs.	

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm						
			ACGIH		OSHA			NOHSC	
			TLV	STEL	TWA	STEL	IDLH	TWA	STEL
2 - Ethoxyethanol	110-80-5	20-60	5	NA	5	NA	NA	NA	NF
Citrus Terpenes	9426-47-4	20-60	8	NA	8	8	NA	NF	NF
Proprietary Ingredient		20-60	NA	NA	NA	NA	NA	NA	NA

4. FIRST AID MEASURES

First Aid:	<p>Ingestion: DO NOT INDUCE VOMITING. Contact nearest Poison Control Center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p>Eyes: If product gets in eyes, flush eyes thoroughly with large amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.</p> <p>Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort or a skin reaction occurs, contact a physician. Do not wear contaminated clothing until cleaned.</p> <p>Inhalation: Remove victim to fresh air at once. Seek immediate medical attention if breathing is difficult.</p>
Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the eyes or respiratory system or impaired kidney function may be more susceptible to the effects of this substance.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazard :	Material is a combustible liquid. Keep away from heat, sparks, and open flame. When firefighting, water jet spreads flames. Product floats on water. Firefighters must wear SCBA.
Extinguishing Methods :	Alcohol-resistant foam, Carbon Dioxide, Dry Chemical
Firefighting Procedures :	As with any fire, firefighters should wear appropriate protective equipment including a NIOSH approved or equivalent self contained breathing apparatus and protective clothing. Fight fires as for surrounding materials. Water may be used to cool containers. If water is used, fog nozzles are preferred.

6. ACCIDENTAL RELEASE MEASURES

Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate personal protective equipment (PPE). Use safety glasses and face shield, gloves and other protective clothing to prevent skin contact. Insure adequate ventilation. Eliminate all source (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind. Absorb spillage with inert material and dispose of in accordance of E.P.A. and other local, state and federal authorities. For waste disposal methods, consult federal, state and local regulations. Place in closed containers. Dispose of product in accordance with these regulations.
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7. HANDLING & STORAGE INFORMATION

Work and Hygiene Practices:	Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Do not expose to heat and flame, keep away from sparks. Use only in ventilated areas. Immediately clean up and decontaminate any spills or residues.
Storage and Handling:	Use and store in a cool, dry, well ventilated location (e.g., local exhaust ventilation, fans), away from heat and sources of ignition, keep away from sparks. Ground and bond all transfer equipment.
Special Precautions:	Empty containers may retain hazardous product residues. Do not reuse empty containers for other purposes.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation and Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate equipment is available (eye wash station, sink, etc.).
Respiratory Protection:	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical or mechanical filters recommended when ventilation is restricted. Do not breathe vapors or spray mist. Wear appropriate respirator during and after application unless air monitoring records vapor/mist levels below acceptable limits. Follow manufacturer directions for use.
Eye Protection:	Safety glasses with side shields must be used when handling this product. A face shield is also recommended.
Hand Protection:	Wear protective, chemical-resistant gloves, (e.g., neoprene) when handling this product.
Body Protection:	A chemical resistant apron and protective clothing are recommended when handling or using this product.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Colorless liquid
Odor:	Strong odor, characteristic of oranges
Odor Threshold:	N/D
pH:	N/A
Melting and Freezing Point:	-86°C (186.8°F)
Boiling Point/Range:	137°C - 175°C (278.6 - 347°F)
Flashpoint:	43°C (289.4°F)
Flammability Limits:	N/A
Vapor Pressure:	< 2 mmHg @ 20°C (68°F)
Vapor Density:	3.1 - 4 (air = 1)
Relative Density:	0.838 - 0.843 @ 25°C (77°F)
Solubility:	Insoluble in water
Evaporation Rate:	.2 - .4 (N-Butyl acetate = 1)

10. STABILITY & REACTIVITY

Stability:	Stable at normal temperatures and pressures.
Hazardous Decomposition:	Smoke, oxides of carbon, explosive peroxides may form in fire
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Excessive heat, shock, friction, build up of static electricity, exposure to air because of possible emission of vapors.
Incompatible Substances:	Strong oxidizers, strong alkalis, strong acids, acidic agents, peroxides

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes
Toxicity Data:	Citrus Terpenes: LD ₅₀ (oral, rabbit) = 5000 mg/kg; LD ₅₀ (dermal, rabbit) = 5000 mg/kg 2 - Ethoxyethanol: LD ₅₀ (oral, rat) = 8100 mg/kg; LD ₅₀ (dermal, rabbit) = 3310 mg/kg		
Acute Toxicity:	See section Section 2 for acute toxicity		
Chronic Toxicity:	See section Section 2 for chronic toxicity		
Suspected Carcinogen:	NA		
Reproductive Toxicity:	This product is not reported to cause problems with fertility or the unborn child.		
Mutagenicity:	This product is not reported to cause mutagenic effects in humans.		
Embryotoxicity:	This product is not reported to cause embryotoxic effects in humans.		
Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
Irritancy of Product:	See Section 2		
Biological Exposure Indices:	NE		
Physician Recommendations:	Treat symptomatically		

12. ECOLOGICAL INFORMATION

Environmental Stability	No data available
Effects on Plants & Animals:	No data available
Effects on Aquatic Life:	2 - Ethoxyethanol: LC ₅₀ (Lepomis macrochirus & Menidia beryllina, 96h) = >10,000 mg/L, LC ₅₀ (Daphnia magna, 48 h), >100 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler. Should not be allowed to enter drains, water courses or the soil.
Special Considerations:	N/A

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	UN2319, TERPENE HYDROCARBONS, N.O.S., 3, III
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15. REGULATORY INFORMATION

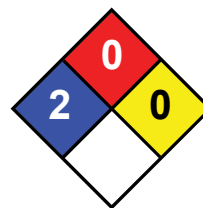
SARA Reporting Requirements:	This product contains <u>Citrus terpenes</u> , a substance subject to SARA Title III, section 311, 312 reporting requirements.
SARA Threshold Planning Quantity	NA
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
Federal and State Regulations:	<u>Citrus terpenes</u> is found on the following state criteria lists: Right-to-Know List, Pennsylvania, Massachusetts, New Jersey.
Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class B2(Flammable Liquid).
CERCLA Reportable Quantity:	N/A
Other Federal Requirements:	N/A
Other Requirements:	The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC. Flammable. Irritating to eyes, respiratory tract and skin. Keep out of reach of children. Keep container tightly closed. Keep container in a well ventilated place. Keep away from sources of ignition. No smoking. Do not breathe fumes/mists/vapor spray.

16. OTHER INFORMATION

Other Information:	DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY. Flammable liquid and vapor. May cause an allergic skin reaction. Keep away from heat/sparks/open flames/hot surfaces. No Smoking. Take precautionary measusres against
Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Sculpt Nouveau's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
Prepared For:	Sculpt Nouveau 1155 Industrial Ave. Escondido, CA 92029 USA Tel: 760 432 8242 Fax: 760-741-1074 www.sculpnouveau.com

SCULPT NOUVEAU

Safety Data Sheet



Health	2
Fire	0
Reactivity	0
Personal Protection	B

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Hydro Clear
Chemical Name:	Water Based Sealer
Trade Name:	Hydro Clear
Product Use:	Clear Sealer
Distributor's Name:	Sculpt Nouveau
Distributor's Address:	1155 Industrial Ave. Escondido, CA 92029
Emergency Phone:	CHEMTREC 800-424-9300 U.S. and Canada; 1-703-527-3887 International
Business Phone:	800-728-5787

2. HAZARDS IDENTIFICATION

Hazard Identification:	<p>This product is classified as a hazardous substance but not as dangerous goods according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia) WARNING! CAN CAUSE SKIN IRRITATION AND SERIOUS EYE IRRITATION. Hazard Statements (H): P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash exposed skin areas thoroughly with soap and water after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves, protective eye and face protection. P302+P352 - IF ON SKIN - Wash with soap and water. P305+P351+P338 - IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P333+P313 - If skin irritation or a rash occurs, get medical advice/attention. P321 - For specific first aid treatment (see section 4 of the Safety Data Sheet). P363 - Wash contaminated clothing before reuse. P501 - Dispose of contents/container to a licensed treatment, storage or disposal facility.</p>	
Effects of Exposure:	<p>Eyes: Irritation upon direct contact. Skin: May cause irritation to some sensitive individuals. Ingestion: May cause nausea, headache, vomiting and or diarrhea and central nervous system depression. Inhalation: Inhalation in excess levels can cause drowsiness, dizziness, headaches.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Nausea and vomiting, diarrhea Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.</p>	
Acute Health Effects:	Causes respiratory tract irritation. Harmful if swallowed. Causes skin irritation and eye irritation	
Chronic Health Effects:	None reported	
Target Organs:	Eyes, skin, lungs.	

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm						
			ACGIH		OSHA		NOHSC		
			TLV	STEL	TWA	STEL	IDLH	TWA	STEL
Water	7732-18-5	60 - 100	NE	Ne	3F	NF	NE	NE	NE
Polyacrylate Blend	NA	10 - 45	NA	NA	NA	NA	NA	NA	NF
Non Hazardous Trade Secret	NA	1 - 15	NA	NA	NA	NA	NA	NF	NF

4. FIRST AID MEASURES

First Aid:	<p>Ingestion: DO <u>NOT</u> INDUCE VOMITING. If conscious and alert, rinse mouth and drink 1-2 cups of milk or water. Contact the nearest Poison Control Center or local emergency telephone number for assistance.</p> <p>Eyes: Flush immediately with clean water. Continue for at least 15 minutes. Seek medical attention if necessary.</p> <p>Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort or a skin reaction occurs, contact a physician. Do not wear contaminated clothing until cleaned.</p> <p>Inhalation: Remove victim to fresh air at once. Seek immediate medical attention if breathing is difficult.</p>
Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the eyes or respiratory system.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazard :	Not flammable or combustible. Hazardous decomposition products formed under fire conditions - Nature of decomposition products not known.
Extinguishing Methods :	Use water spray, alcohol-resistant foam, dry chemical, Halon (if permitted) or carbon dioxide.
Firefighting Procedures :	When involved in a fire, this product may ignite readily and decompose to produce carbon oxides. First responders should wear eye protection. Structural firefighters must wear SCBA's and full protective equipment. Use a water spray or fog to reduce or direct vapors.

6. ACCIDENTAL RELEASE MEASURES

Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate personal protective equipment (PPE). Use safety glasses and face shield, gloves and other protective clothing to prevent skin contact.</p> <p><u>Small spills</u> (e.g., <1 gallon) Remove spilled material with absorbent material and place into appropriate closed containers for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p><u>Large spill</u> \geq 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
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7. HANDLING & STORAGE INFORMATION

Work and Hygiene Practices:	Avoid prolonged contact with the product. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.
Storage and Handling:	Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty containers may contain residual amounts of this product, therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10, Stability and Reactivity). Material should be stored in secondary containers as appropriate.
Special Precautions:	Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product, therefore, empty containers should be handled with care.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation and Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate equipment is available (eye wash station, sink, etc.).
Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR 1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.
Eye Protection:	Safety glasses may be worn. Refer to U.S. OSHA 29 CFR 1910.133
Hand Protection:	If expected prolonged skin contact, wear protective, chemical-resistant gloves, when handling this product.
Body Protection:	No special body protection is required under typical circumstances of use or handling.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Milky Color
Odor:	N/A
Odor Threshold:	N/A
pH:	8.9
Melting and Freezing Point:	N/A
Boiling Point/Range:	100°C (212°F)
Flashpoint:	Not flammable
Flammability Limits:	Not flammable
Vapor Pressure:	< 20 mm Hg (20°C)
Vapor Density:	(Air = 1) NDA
Relative Density:	1.028
Solubility:	Miscible (water)
Evaporation Rate:	<1.0 (Ethyl ether = 1.0)
VOC's	0.00

10. STABILITY & REACTIVITY

Stability:	Stable under ambient conditions when store properly
Hazardous Decomposition:	If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases.
Hazardous Polymerization:	May occur if exposed to extremely high temperatures.
Conditions to Avoid:	None known
Incompatible Substances:	Alkaline metals, strong oxidizers, strong acids, or strong bases.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes	
Toxicity Data:	Polyacrylate Dispersion LD ₅₀ (oral, rat) = 5 mg/kg			
Acute Toxicity:	See section Section 2 for acute toxicity			
Chronic Toxicity:	See section Section 2 for chronic toxicity			
Suspected Carcinogen:	NA			
Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.			
Mutagenicity:	This product is not reported to cause mutagenic effects in humans.			
Embryotoxicity:	This product is not reported to cause embryotoxic effects in humans.			
Teratogenicity:	This product is not reported to cause teratogenic effects in humans.			
Irritancy of Product:	See Section 2			
Biological Exposure Indices:	NE			
Physician Recommendations:	Treat symptomatically			

12. ECOLOGICAL INFORMATION

Environmental Stability	No data available
Effects on Plants & Animals:	No data available
Effects on Aquatic Life:	No specific data available, however, very large release may be harmful or fatal to overexposed aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler.
Special Considerations:	N/A

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	NOT REGULATED
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product does not <u>contain substances</u> subject to SARA Title III, section 313 reporting requirements.
SARA Threshold Planning Quantity	NA
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
Federal and State Regulations:	None
Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.
CERCLA Reportable Quantity:	None
Other Federal Requirements:	NA
Other Requirements:	The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC. Risk Phrases (R): R22-36/38 - Harmful if swallowed. Irritating to eyes and skin. May cause sensitization by skin contact. Safety Phrases (S): S1/2-7/9-24/25-28-46 - Keep locked up and out of the reach of children. Keep container tightly closed and in a well ventilated place. Avoid contact with skin and eyes. After contact with skin, wash with plenty of soap and warm water. If swallowed, seek medical advice immediately and show the container label.

16. OTHER INFORMATION

Other Information:	CAUTION! Irritating to eyes, skin, and upper respiratory tract.
Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Sculpt Nouveau's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
Prepared For:	Sculpt Nouveau 1155 Industrial Ave. Escondido, CA 92029 USA Tel: 760 432 8242 Fax: 760-741-1074 www.sculptnouveau.com

Safety Data Sheet



Health	3
Fire	0
Reactivity	0
Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	METAL DEGREASER
Chemical Name:	Aqueous Solution
Trade Name:	Metal Cleaner Degreaser
Product Use:	Cleaner
Distributor's Name:	Sculpt Nouveau
Distributor's Address:	1155 Industrial Ave. Escondido, CA 92029
Emergency Phone:	CHEMTREC 800-424-9300 U.S. and Canada; 1-703-527-3887 International
Business Phone:	760-432-8242

2. HAZARDS IDENTIFICATION

Hazard Identification:	<p>This product is classified as a hazardous substance as assessed according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia). DANGER! MAY BE CORROSIVE TO METALS. HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS AND EYE DAMAGE. <u>Hazard Statements (H):</u> H313 - May be harmful in contact with skin. H315 - Causes skin irritation. H319 - Causes serious eye irritation. <u>Precautionary Statements (P):</u> P261 - Avoid breathing mist/sprays. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves and eye protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs, get medical advice/attention. P310 - Immediately call a POISON CENTER or doctor/physician. P321 - Specific treatment, see Section 4 of this safety data sheet. P363 - Wash contaminated clothing before reuse. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. P501 - Dispose of contents/container to licensed treatment, storage and disposal facility.</p>	
Effects of Exposure:	<p>Eyes: Irritation or possible burns upon direct contact. Possible irreversible damage. Skin: Frequent or prolonged contact may irritate and cause dermatitis. Irritation and possible sensitization with certain individuals Ingestion: Burns to the gastrointestinal tract. Other possible symptoms include nausea, vomiting, and abdominal pain. Inhalation: Nose and throat irritation, and irritation of the upper respiratory tract.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes. Eye damage. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Nausea and vomiting, severe abdominal pain. Inhalation: Severe irritation of respiratory tract and mucous membranes, difficulty breathing, coughing.</p>	
Acute Health Effects:	Irritation or possible burns upon direct skin contact. Possible irreversible damage to eyes. Irritation and possible sensitization with certain individuals.	
Chronic Health Effects:	Irritation and possible skin sensitization with certain individuals. Prolonged or repeated skin exposure may cause dermatitis.	
Target Organs:	Eyes, skin, respiratory system.	

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm						
			ACGIH		OSHA		NOHSC		
			TLV	STEL	TWA	STEL	IDLH	TWA	STEL
Water	7732-18-5	60-100	NE	NE	NE	NE	NA	NA	NF
Phosphoric Acid	7664-38-2	1-5	(1)	(3)	NA	NA	1000	NF	NF
Tetrapotassium Pyrophosphate	7320-34-5	5-10	NA	NA	NA	NA	NA	NF	NF
Ethoxylated Alcohol	NA	1-5	NA	NA	NA	NA	NA	NF	NF
Quaternary Amine Compound	NA	1-5	NA	NA	NA	NA	NA	NF	NF

4. FIRST AID MEASURES

First Aid:	<p>Ingestion: DO NOT INDUCE VOMITING. Contact nearest Poison Control Center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p>Eyes: If product gets in eyes, flush eyes thoroughly with large amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.</p> <p>Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort or a skin reaction occurs, contact a physician. Do not wear contaminated clothing until cleaned.</p> <p>Inhalation: Remove victim to fresh air at once. Seek immediate medical attention if breathing is difficult.</p>
Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the eyes or respiratory system may be more susceptible to the effects of this substance.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazard :	Non-flammable. Use media as appropriate for surrounding fire. Contact with metals may release flammable hydrogen gas.
Extinguishing Methods :	Use carbon dioxide, foam, water spray. Halon (if permitted), dry chemical extinguisher.
Firefighting Procedures :	As with any fire, firefighters should wear appropriate protective equipment including a MSHA/NIOSH approved or equivalent self contained breathing apparatus and protective clothing. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon, and/or nitrogen, hydrocarbons and or derivatives. Fires should be fought from a safe distance. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.

6. ACCIDENTAL RELEASE MEASURES

Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate personal protective equipment (PPE). Use safety glasses and face shield, gloves and other protective clothing to prevent skin contact.</p> <p><u>Small Spills:</u> Wear appropriate protective equipment as previously stated. Use a non-combustible, inert material such as vermiculite or sand to soak up the product and place into a container for later disposal.</p> <p><u>Large Spills:</u> Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Recover as much free liquid as possible and collect in acid-resistant container. Use absorbent to pick up residue. Avoid discharging liquid directly into a sewer or surface waters.</p>
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7. HANDLING & STORAGE INFORMATION

Work and Hygiene Practices:	Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Immediately clean up and decontaminate any spills or residues.
Storage and Handling:	Use and store in a cool, dry, well ventilated location (e.g., local exhaust ventilation, fans), away from heat and sunlight. Keep away from incompatible substances (see section 10). Protect containers from physical damage.
Special Precautions:	Empty containers may retain hazardous product residues. Do not reuse empty containers for other purposes.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation and Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate equipment is available (eye wash station, sink, etc.).
Respiratory Protection:	In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.34, applicable U.S. State regulations or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia (e.g., NIOSH approved respirator with full or half face N95 cartridge).
Eye Protection:	Safety glasses with side shields must be used when handling this product. A face shield is also recommended.
Hand Protection:	Wear protective, chemical-resistant gloves, (e.g., neoprene) when handling this product.
Body Protection:	A chemical resistant apron and protective clothing are recommended when handling or using this product.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	Mild odor
Odor Threshold:	N/A
pH:	11.3
Melting and Freezing Point:	N/A
Boiling Point/Range:	>100°C (212°F)
Flashpoint:	N/A
Flammability Limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	> 1.0 (air=1.0)
VOC:	N/A
Solubility:	Complete
Evaporation Rate:	< 1.0 (ethyl ether = 1.0)

10. STABILITY & REACTIVITY

Stability:	Stable under normal storage and use conditions.
Hazardous Decomposition:	Thermal decomposition can produce oxides of carbon, potassium, nitrogen and sulfur.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid high temperatures and incompatible materials.
Incompatible Substances:	Water-reactive substances, metals (e.g., aluminum, zinc) strong acids, oxidizers, organic halogens, flammable liquids.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes
Toxicity Data:	Tetrapotassium Pyrophosphate: LD ₅₀ (dermal, rabbit) > 4640 mg/kg; Phosphoric Acid: LD ₅₀ (oral, rat) = 1530 mg/kg; LD ₅₀ (oral, rat) = 4640 mg/kg		
Acute Toxicity:	See section Section 2 for acute toxicity		
Chronic Toxicity:	See section Section 2 for chronic toxicity		
Suspected Carcinogen:	NA		
Reproductive Toxicity:	This product is not reported to cause problems with fertility or the unborn child.		
Mutagenicity:	This product is not reported to cause mutagenic effects in humans.		
Embryotoxicity:	This product is not reported to cause embryotoxic effects in humans.		
Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
Irritancy of Product:	See Section 2		
Biological Exposure Indices:	NE		
Physician Recommendations:	Treat symptomatically		

12. ECOLOGICAL INFORMATION

Environmental Stability	No data available
Effects on Plants & Animals:	No data available
Effects on Aquatic Life:	No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler.
Special Considerations:	U.S. EPA Characteristic Waste - (D002 - corrosivity)

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	Not Regulated
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product contains <u>Phosphoric Acid</u> , a substance subject to SARA Title III, section 313 reporting requirements
SARA Threshold Planning Quantity	N/A
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
Federal and State Regulations:	<u>Phosphoric Acid</u> is found on the following state criteria lists: FL, MA, MN, PA. <u>Tetrapotassium Pyrophosphate</u> is found on the following state criteria lists: NJ, PA.
Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class E (Corrosive Material), Class D28 (Materials Causing Other Toxic Effects)
CERCLA Reportable Quantity:	<u>Phosphoric Acid</u> : 5,000 lbs. (2,270 kg), <u>Tetrapotassium Pyrophosphate</u> : RQ 100 lbs (45.4 kg)
Other Federal Requirements:	NAA
Other Requirements:	The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC. Corrosive, Harmful (C, Xn), Harmful if swallowed. Causes severe burns.

16. OTHER INFORMATION

Other Information:	DANGER! May be corrosive to metal. Harmful if swallowed. Causes severe burns and eye damage. Wear protective gloves/eye protection. If swallowed, immediately call a Poison Center or doctor/physician. Avoid breathing mist or spray. If skin irritation or rash occurs, get medical attention/advice. KEEP OUT OF REACH OF CHILDREN.
Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Sculpt Nouveau's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
Prepared For:	Sculpt Nouveau 1155 Industrial Ave. Escondido, CA 92029 USA Tel: 760 432 8242 Fax: 760-741-1074 www.sculptnouveau.com

SAFETY DATA SHEET

DATE ISSUED :	7/23/2021
SDS REF. No :	8XXX

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KBS Top Coater (Brush, Roll or Spray)
PRODUCT CODE: 8XXX
PRODUCT USE: Refer to TDS and product label.

DISTRIBUTOR

KBS Coatings
1101 Cumberland Xing #180
Valparaiso, IN 46383
219-263-0073

24 HR. EMERGENCY TELEPHONE NUMBER

Infotrac 800-535-5053

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE : Liquid

IMMEDIATE CONCERNS : Flammable liquid and vapor.

CLASSIFICATION : Aspiration Hazard 1, Carcinogenicity 2, Flammable Liquid 3, Eye Irritation 2, Skin Irritation 2, STOT RE 2, STOT SE 3 NE, STOT SE 3 RTI

PICTOGRAMS



SIGNAL WORD : Warning

GHS HAZARD STATEMENTS : H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

GHS PRECAUTIONARY STATEMENTS : P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P333 + P313 If skin irritation or rash occurs: Get medical advice / attention.
P342 + P313 If experiencing respiratory symptoms: Get medical advice / attention.
P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P262 Do not get in eyes, on skin, or on clothing.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 (In case of inadequate ventilation) wear respiratory protection.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with local/national/international regulations.
P370 + P378 In case of fire: Use appropriate method to extinguish. See Section 5 of SDS.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt %	CAS Number	GHS
Parachlorbenzotrifluoride	35-40%	98-56-6	H319 Causes serious eye irritation. H226 Flammable liquid and vapor. H335 May cause respiratory irritation. H315 Causes skin irritation.
Mineral Spirits	5-10%	8052-41-3	H226 Flammable liquid and vapor. H315 Causes skin irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure.
Titanium Dioxide	5.91	13463-67-7	Conclusive but not sufficient for classification.
1-Methoxy-2-Propanol Acetate	1-5%	108-65-6	H226 Flammable liquid and vapor.
Carbon Black	0.19	1333-86-4	Not sufficient for classification.
*Cobalt Carboxylates	0.085	136-52-7	H320:Causes eye irritation.

			H350i: May cause cancer. Classification is largely based on animal evidence. H402: Harmful to aquatic life., ,
Ethyl Benzene	0.07	100-41-4	H225 Highly flammable liquid and vapor. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure..

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

"WARNING: THIS PRODUCT MAY CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM."

4. FIRST AID MEASURES

EYES : Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

SKIN : Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.

INGESTION : DO NOT induce vomiting. Get medical attention immediately.

INHALATION : Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

SYMPTOMS : May cause drowsiness or dizziness.

EFFECTS : Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Water mist or fog, dry chemical, foam, carbon dioxide.

FIRE FIGHTING PROCEDURES : As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use water with caution. Material will float and may ignite on surface of water. Water may be ineffective in fighting the fire. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike collect water used to fight fire. Small fires: carbon dioxide or dry chemical. Large fire: alcohol-type aqueous film-forming foam or water spray.

UNUSUAL FIRE AND EXPLOSION HAZARD : Flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor)

and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

COMBUSTION PRODUCTS : During combustion carbon monoxide and/or carbon dioxide may be formed.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL : Eliminate all sources of ignition. Provide good ventilation and minimize the breathing of vapors and avoid skin contact. Dike spill area and absorb the spilled liquid with earth, sawdust or a commercially available absorbent. Shovel spent absorbent into recovery or salvage drums for appropriate disposal.

LARGE SPILL : Wear appropriate personal protective equipment. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use only non-combustible material for cleanup. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand, earth or sawdust), then place in a chemical waste collector.

EMERGENCY PRECAUTIONS : Eliminate ignition sources. Avoid large exposures to vapors.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING : Use only in a well ventilated area. Avoid breathing vapor, fumes, or mist. Avoid contact with eyes, skin, and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all SDS/label precautions even after containers are emptied because they may retain product residues.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES : Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS	Limits
Parachlorbenzotrifluoride	98-56-6	ACGIH TLV NE OSHA PEL NE
Mineral Spirits	8052-41-3	ACGIH TLV 100 PPM TWA OSHA PEL 100 PPM TWA
Titanium Dioxide	13463-67-7	OSHA PEL 10 mg/m ³ TWA Total Dust ACGIH TLV 10 mg/m ³ Total Dust
1-Methoxy-2-Propanol Acetate	108-65-6	OSHA PEL NE ACGIH TLV NE
Carbon Black	1333-86-4	OSHA PEL: 3.5 mg/m ³ TWA ACGIH TLV: 3.5 mg/m ³ TWA
*Cobalt Carboxylates	136-52-7	ACGIH TLV 0.02 mg/m ³

		OSHA PEL 0.1 mg/m3
Ethyl Benzene	100-41-4	ACGIH TLV 100 PPM TWA OSHA PEL 100 PPM TWA

OSHA TABLE COMMENTS:

NE = Not Established

ENGINEERING CONTROLS : Engineering controls should be in place to minimize exposure to vapors and any ignition sources.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE : Wear safety glasses with side shields, goggles, or a face shield.

SKIN : Wear impervious gloves to prevent contact with skin. Wear protective gear as needed - apron, suit, boots.

RESPIRATORY : NIOSH/MSHA approved respirators may be necessary if airborne concentrations are expected to exceed exposure limits.

WORK HYGIENIC PRACTICES : Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

OTHER USE PRECAUTIONS : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Liquid

ODOR : Typical

ODOR THRESHOLD : Not determined.

pH : Not determined.

BOILING POINT : 277.0 F

FLASH POINT AND METHOD : SETAFLASH CLOSED CUP

FLAMMABLE LIMITS : .8 TO 13.3

VAPOR PRESSURE : Not determined.

VAPOR DENSITY : Heavier than air

SPECIFIC GRAVITY : 1.4154056

AUTO-IGNITION TEMPERATURE : Not determined.

VOC EPA METHOD 24 : 2.0018729 lb/gal

10. STABILITY AND REACTIVITY

STABILITY : No information available.

CONDITIONS TO AVOID : Avoid impact, friction, heat, sparks, flame and source of ignition.

INCOMPATIBLE MATERIALS : Prevent contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: During combustion carbon monoxide and/or carbon dioxide may be formed.

HAZARDOUS POLYMERIZATION : No information available.

11. TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF OVEREXPOSURE :

ACUTE EFFECTS :

EYE : Causes eye irritation.

SKIN : Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION : Vapors are irritating to nasal passages and throat. High concentrations can cause stupor and headaches. May cause dizziness and drowsiness.

INGESTION : Irritating to mouth, throat, and stomach. May cause headache. May cause dizziness and drowsiness and/or stupor.

CHRONIC EFFECTS : Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

Primary Route(s) of Entry: Eye Contact, Ingestion, Inhalation, Skin Contact

ACUTE TOXICITY VALUES : The acute effects of this product have not been tested. Data on individual components are listed below.

CAS Number	TEST
98-56-6	Oral LD50: 13,000, Dermal LD50: 2,700, Vapor LC50: 33,

8052-41-3	Oral LD50:>3160 mg/kg, Dermal LD50:>5000 mg/kg, Vapor LC50 >20.0 mg/L,
13463-67-7	Vapor LC50: >6.82lg/L Rat, Dermal LD50: >10,000 mg/kg Rabbit, Oral LD50: >5,000 mg/kg Rat,
108-65-6	None known.
1333-86-4	Oral LD50: >8000 mg/kg
136-52-7	Oral: Rat 1300mg/kg
100-41-4	Oral LD50: 3500 mg/kg, Dermal LD50: 15433 mg/kg, Vapor LC50: >20 mg/L,

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Information not available on mixture. Information on individual components is listed below if available.

CAS Number	TEST
98-56-6	No Information available.
8052-41-3	No information available.
13463-67-7	96h LC50: >1,000 mg/L (fathead minnow), 72h EC50: 61 mg/L (green algae), 48h EC50: >1,000 gm/L (water flea),
108-65-6	96h LC50: 161 mg/L (fathead minnow)
1333-86-4	Acute algae EC50: >10,000 mg/L, Acute fish LC50>1000 mg/L, Acute water flea EC50:>5600 mg/L,
136-52-7	No information available.
100-41-4	No information available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD : Dispose of waste in accordance with all local, state, and federal regulations.

14. TRANSPORT INFORMATION

In accordance with DOT

As packaged this material can be shipped as a "**Consumer Commodity ORM-D**" Exemption.

UN NUMBER/ PROPER SHIPPING NAME/ TRANSPORT HAZARD CLASS/ PACKING GROUP : UN1263;PAINT;3;III

ICAO/IATA: UN 1263 Paint, Class 3, PG III

15. REGULATORY INFORMATION

REGULATORY OVERVIEW: The regulatory data in section 15 is not intended to be all-inclusive, only selected regulations are represented.

TSCA: All components of this material are either listed or exempt from listing on the TSCA Inventory.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312/313 REPORTABLE INGREDIENTS:** See Section 3.

EPA HAZARDS:

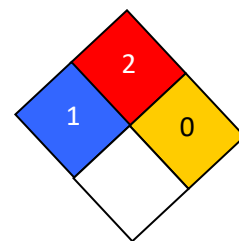
FIRE : Yes **PRESSURE GENERATING :** No
REACTIVITY : No **ACUTE :** Yes **CHRONIC :** Yes

DSL: All components of this material are on or exempt from listing on the Canadian Domestic Substances List(DSL).

16. OTHER INFORMATION

HMIS RATING	
Health :	2
Flammability :	2
Reactivity :	0
Personal Protection :	G

NFPA CODES

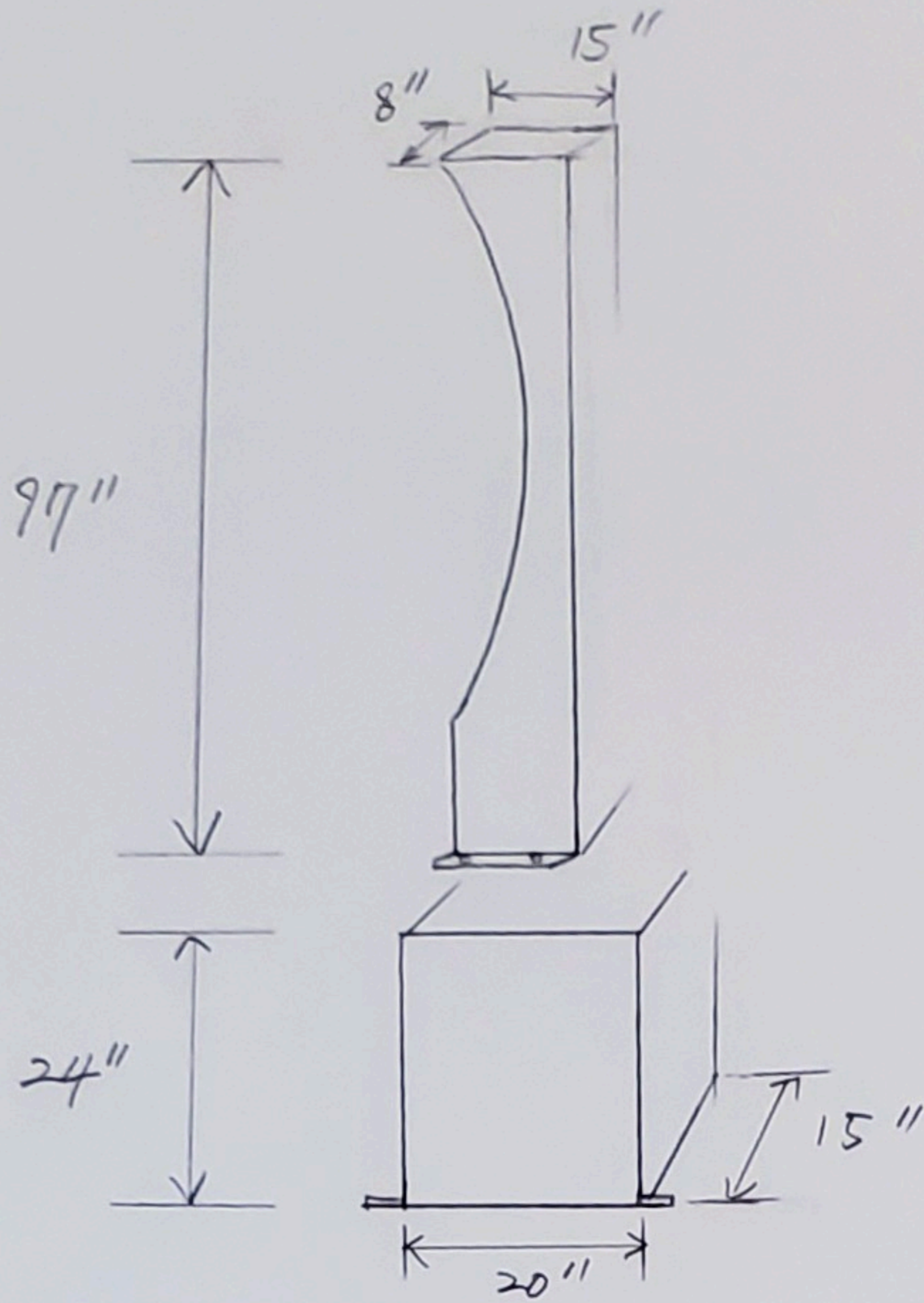


HMIS and NFPA rating scale: (0=minimal hazard; 4=severe hazard)

REVISION INDICATOR : 7/17/21

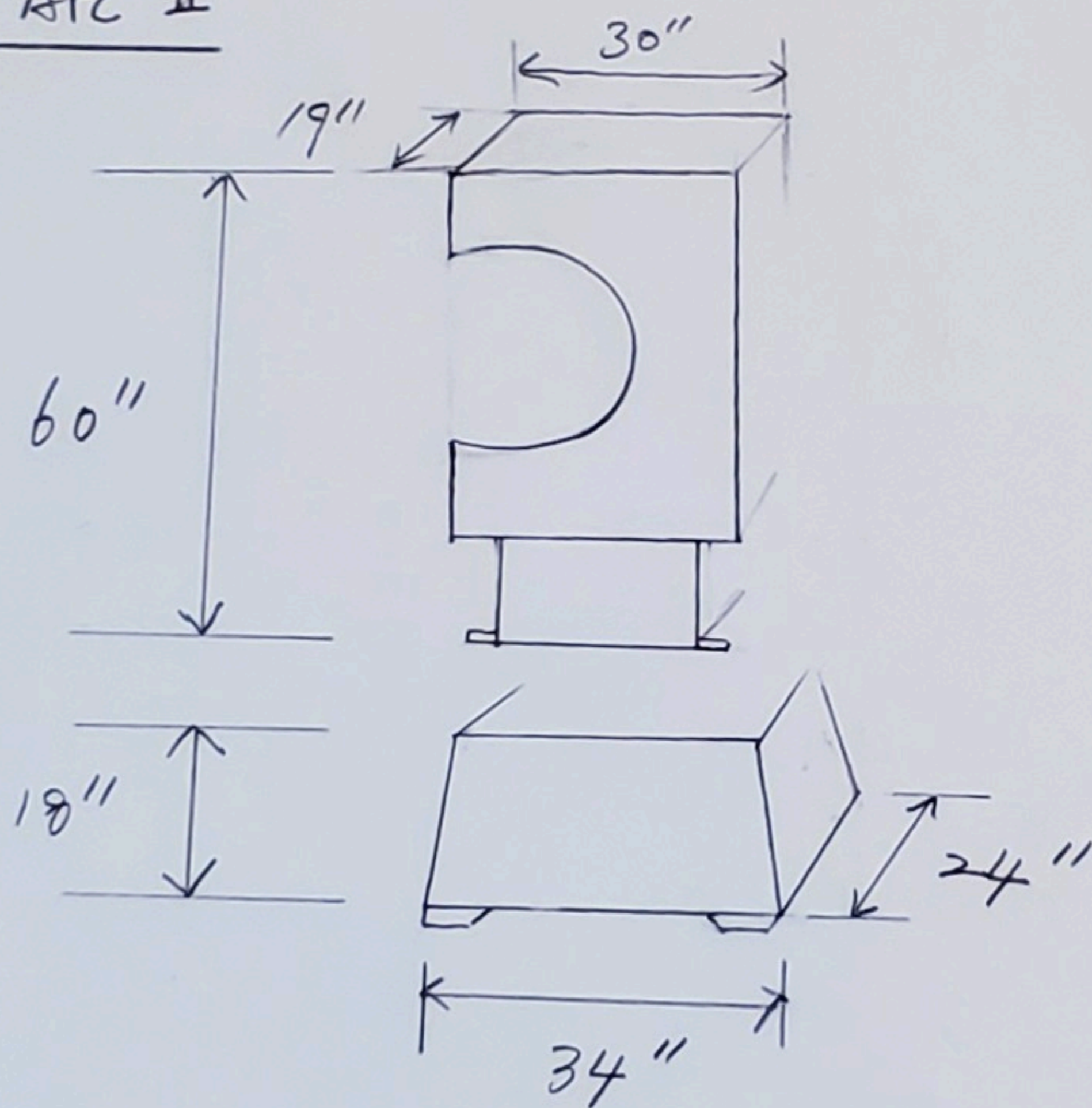
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Greeting Arc I



* Top sculpture weight = 150 lbs
Pedestal weight = 90 lbs

Greeting Arc II



* Top sculpture weight = 160 lbs
Pedestal weight = 100 lbs



NATIONAL
RENT-A-FENCE
800-352-5675

GREETING ARCH
Sculpture by
[unreadable]
2017

GREETING ARCH
Sculpture by
[unreadable]
2017





GREETING ARC I
Sunghee Min
Stainless Steel and Paint
2023
CITY OF MADISON



GREETING ARC II
Sunghee Min
Stainless Steel and Paint
2023
CITY OF MADISON