

Safety Data Sheet



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Fire	1
Reactivity	0
Personal Protection	B

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	MOLD RELEASE - All colors
Chemical Name:	Polymer Blend with colored oxides
Trade Name:	Mold Release
Product Use:	Water Based Mold Release
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 non dangerous goods according to the classification criteria of (NOHSC: 1088) and ADG Code Australia</p> <p>WARNING! MAY CAUSE AN ALLERGIC SKIN REACTION. MAY CAUSE EYE IRRITATION.</p> <p>Hazard Statements (H): P261 - Avoid breathing mist/vapors/spray. P272 - 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, clothing, face and eye 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 so - continue rinsing. P333 + P313 - If skin irritation or a rash occurs, get medical advice/attention. (321 - For specific first aid treatment (see section 4 of this 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.</p> <p>Skin: Irritation and possible dermatitis.</p> <p>Ingestion: May cause nausea, headache, vomiting and central nervous system depression</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: May be irritating to skin in some sensitive individuals, especially after prolonged use or contact.</p> <p>Ingestion: Nausea and vomiting, severe abdominal pain. Harmful or fatal if ingested.</p> <p>Inhalation: Breathing vapors in excess can cause central nervous system depression, ie drowsiness.</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
Water	7732-18-5	50-100	NE	NE	NF	NF	NF	NE	NE
Urethane/Acrylic Blend	NA	10-30	NA	NA	NA	NA	NA	NA	NF
Triethylamine	121-44-8	1-5	1	3	NA	NA	NA	NF	NF
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	100	150	NA	NA	NA	NF	NF
Colored Oxides	NA	1-5	NA	NA	NA	NA	NF	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> ≥ 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:	Colored liquid depending on type
Odor:	Very mild odor
Odor Threshold:	N/A
pH:	8.5 - 8.5
Melting and Freezing Point:	N/A
Boiling Point/Range:	100°C (212°F)
Flashpoint:	Not Flammable
Flammability Limits:	Will not flash
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 stored 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:	LD ₅₀ (oral, rat) = 460 mg/kg; LD ₅₀ (oral, rabbit) = 3.5 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 - NON HAZARDOUS PRODUCT
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product contains <u>Methyl- 2 Pyrrolidinone</u> , a substance 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:	<u>Dipropylene Glycol Methyl Ether</u> is found on the following state criteria lists: FL, MA, MN, PA, NJ, WA permissible exposures list. <u>Triethylamine</u> is found on the following state criteria lists: FL, MA, MN, NJ, PA, WA and WI Hazardous Substances List. No other ingredients in this product, present in a concentration of 1.0% or greater are listed on any other state lists.
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.
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