

Safety Data Sheet



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Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	EF CLEAR GUARD
Chemical Name:	Resin Solution
Trade Name:	ENVIRONMENTALLY FRIENDLY (EF) CLEAR GUARD PROTECTIVE LACQUER
Product Use:	Clear Sealer
Distributor's Name:	Sculpt Nouveau, LLC
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 in accordance with OSHA 29 CFR 1910.1200.</p> <p>DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY. FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION.</p> <p><u>Hazard Statements</u> (H): H304 - May be fatal if swallowed and enters airways. H317 - May cause allergic skin reaction. H226 Flammable liquid and vapor.</p> <p><u>Precautionary Statements</u> (P): 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.</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	
Toluene	108-83-3	10-30	75	NA	37	NA	NA	NA	NA	NF
Parachlorobenzotrifluoride	98-58-6	10-50	NE	NE	NE	NE	NA	NA	NA	NF
Modified Resin		10 - 70	NA	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 volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the materials handling point. Never use welding or cutting torch on or near drum (even empty) because material (even just residue) can ignite explosively.
Extinguishing Methods :	Use dry powder, foam, carbon dioxide.
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:	Colorless liquid
Odor:	Solvent odor
Odor Threshold:	N/A
pH:	N/A
Melting and Freezing Point:	N/A
Boiling Point/Range:	111°C - 177°C (231-350°F)
Flashpoint:	7.2°C (45°F)
Flammability Limits:	In air by volume: LEL 1.0%
Vapor Pressure:	Toluene - 22.0 mm Hg
Vapor Density:	Is heavier than air
VOC:	180 g/l
Solubility:	Insoluble in water
Evaporation Rate:	14.4 (N-Butyl acetate = 1)

10. STABILITY & REACTIVITY

Stability:	Stable at normal temperatures and pressures.
Hazardous Decomposition:	Oxides of carbon, hydrocarbons
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Excessive heat, shock, friction, build up of static electricity
Incompatible Substances:	Strong oxidizers, bases, acids, reducing agents, metals.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes
Toxicity Data:	<u>Toluene</u> : LD ₅₀ (oral, rat) = 2000 mg/kg; LD ₅₀ (dermal, rabbit) = 12223 mg/kg <u>Parachlorobenzotrifluoride</u> : LD ₅₀ (oral, rat) = > 6.8 g/kg; LD ₅₀ (dermal, rabbit) = 2.7g/kg.		
Acute Toxicity:	See section Section 2 for acute toxicity		
Chronic Toxicity:	See section Section 2 for chronic toxicity		
Suspected Carcinogen:	NA		
Reproductive Toxicity:	Toluene is suspected of damaging 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:	<u>Toluene</u> : LC ₅₀ (Oncorhynchus mykiss, 96h) = 24 mg/L, LC ₅₀ (Lepomis macrochirus, 96h) = 13 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, II
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product contains <u>Toluene</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>Toluene</u> is found on the following state criteria lists: Right-to-Know List, MA, NJ, PA IL, RI. CA Proposition 65. 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: California Proposition 65, Delaware Air Quality Management List, Florida Toxic Substances List, Massachusetts Hazardous Substances List, Michigan Critical Substances List, Minnesota Hazardous Substances List, New Jersey Right-to-Know List, New York Hazardous Substances List, Pennsylvania Right-to-Know List, Washington Permissible Exposures List, Wisconsin Hazardous Substances 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:	<u>Toluene</u> : 1000 lbs. (454 kg)
Other Federal Requirements:	NA
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.
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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