

# MATERIAL SAFETY DATA SHEET

Emergency Telephone Number: 800.659-0908.

Manufactured By: ELITE COATINGS, 120 Tremon Street Gordon, GA 31031

While we believe that the data herein is accurate & derived from quality sources, this data is not to be taken as a warranty or product liability.

It is offered solely for your consideration and personal protection.

## SECTION I - PRODUCT IDENTIFICATION

Product: ELITE 8800 (Epoxy Plus, Part A)

U.S. DOT proper shipping name: Drums/Pails/Samples Paint 3, UN-1263, PG II< Flammable Liquid

Formula: Proprietary

Chemical Family: Polyamine

## SECTION II - HAZARDOUS INGREDIENTS

Ingredient(s)	CAS#	TLV	PEL
Methyl N-amyl Ketone	110-43-0	50	100
Xylene	1330-20-7	100	100
N-butanol	71-36-3	100	100
Aromatic 100	64742-94-5	100	100

## SECTION III - PHYSICAL DATA

Boiling Point: 280-350°F

Vapor Pressure (mmHg): 68°F=6

Vapor Density (Air=1): Heavier than Air

Melting Point (°C): N/A

Specific Gravity: 1.39

Solubility in Water: Negligible

Evaporation Rate: Slower than Ether

Appearance: VARIOUS COLORS

VOC = 2.7 lbs/gal

Odor: Mild

## SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): T.C.C., 80°F

Flammable Explosion: LEL=1.0% UEL=7.0%

Extinguishing Media: (1) DRY CHEMICAL, (2) CO2, (3) FOAM

Special Fire Fighting Procedures: Dry Chemical, Carbon Dioxide, Water Spray or Regular Foam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up due to extreme heat. CAUTION: A straight stream of water will spread fire.

Unusual Fire and Explosion Hazards: Vapor accumulation will flash and/or explode, if ignited. Containers may burst explosively if overheated in fire. Cool with water spray or fog. Empty containers also present fire explosion hazard due to residual vapors. Keep containers tightly closed. During emergency situations, over-exposure to decomposition products may cause a health hazard with no symptoms immediately apparent. Obtain medical attention.

(Continued on Page 2)

**SECTION V - HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE** Some reports have associated repeated, prolonged overexposure to solvents with permanent central nervous system changes. Misuse by concentrating and inhaling the contents may be harmful or fatal.

**ACUTE:** Inhalation - Anesthetic. Irritation of respiratory tract or acute nervous system depression. Over-exposure may result in headaches and nausea possibly followed by loss of consciousness. Ingestion: Gastrointestinal irritation including vomiting can occur. Aspiration of material into lungs may result in chemical pneumonitis, which can be fatal. Skin contact: May result in irritation and absorption through Eye contact: May cause irritation.

**CHRONIC:** Some reports have associated repeated, prolonged overexposure to solvents with permanent central nervous system changes. Misuse by concentrating and inhaling the contents may be harmful or fatal.

**CARCINOGENICITY:** NTP.....No

IARC MONOGRAPHS.....No

OSHA REGULATED.....No

**EMERGENCY & FIRST AID PROCEDURES:**

Vapor Inhalation - Restore to fresh air. Keep warm and quiet. Notify a physician.

Eye Contact - Flush IMMEDIATELY with copious amounts of running water or at least 15 minutes. Take to physician for definitive medical treatment.

Skin Contact - Clean and wash affected area with water. Consult a physician.

Ingestion - Drink 1 or 2 glasses of water to dilute. **DO NOT INDUCE VOMITING! Call physician**

**immediately!**

**TOXICITY:** Slightly toxic by ingestion.

**CAUTION:** Product may become SLIPPERY WHEN WET.

**SECTION VI - REACTIVITY DAT.**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Heat, open flames, and electrical and static discharge.

**INCOMPATIBILITY (materials to avoid):** Strong acid, alkalis, and oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Unknown other than CO<sub>2</sub> and possible CO and carbon smoke.

May produce hazardous fumes when heated to decomposition as in welding.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION VIII - SPILL OR LEAK PROCEDURES**

**STEPS IF SPILLED:** Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spills with inert absorbent and clean up with spark-proof tools.

**WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal regulations. Land fill or incinerate in approved facility by licensed contractor. Do not incinerate in closed container.

(Continued on Page 3)

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas & vapors. Use an air-supplied respirator if necessary.

**VENTILATION:** Use adequate ventilation in volume and pattern to keep TLV's and PEL's (Section II) below recommended levels, and flammable limits in air (Section IV) below the level necessary to produce explosion or fire. General mechanical ventilation should comply with OSHA 1910.94, 1910.107, 1910.108.

**PROTECTIVE GLOVES:** To prevent prolonged exposure, use rubber gloves. Solvents may be absorbed through the skin.

**EYE PROTECTION:** Safety glasses or goggles with splashguards or side shields.

**OTHER PROTECTIVE EQUIPMENT:** Prevent prolonged skin contact to contaminated clothing.

**SECTION IX - SPECIAL PRECAUTIONS**

**HANDLING & STORAGE PRECAUTIONS:** Do Not store over 120°F. Avoid spillage. When storing large quantities, store in building designed and protected against flammable liquids. Use static lines when mixing and transferring material. Do Not allow material to free fall more than five (5) inches.

**OTHER PRECAUTIONS:** "FOR INDUSTRIAL USE ONLY". DO NOT TAKE INTERNALLY.

**IF INGESTED, DO NOT INDUCE VOMITING CONSULT A PHYSICIAN.**

KEEP OUT OF REACH OF CHILDREN

**SECTION X - ADDENDUM TO MSDS (Identifies SARA 313 Substances)**

<u>SOLVENT</u>	SARA EHS Sec.302		CERCLA Sec.103	RCRA Sec.261.33
	RQ (lbs)	TPQ (lbs)	<u>SARA Sec.313</u>	<u>RQ (lbs)</u> (If Pure)
N-butanol	No	No	Yes	Unknown
Xylene	No	No	Yes	1000
SARA Section 311/312:	Acute, Chronic, Fire.			
SARA Section 302 RQ:	Reportable Quantity of Extremely Hazardous Substances, from 40 CFR 355.			
SARA Section 302 TPQ:	Threshold Planning Quantity of Extremely Hazardous Substances.			
SARA Section 313 Chemicals:	Toxic Substances subject to the annual reporting requirements listing at 40 CFR 302.4.			
CERCLA Section 103:	Release to air, land, or water of these hazardous substances which exceed the RQ must be reported to the National Response Center, (800-424-8802). Listed at 40 CFR 302.4.			
RCRA:	Commercial chemical product wastes designated as acute hazards and toxic under 40 CFR 261.33.			

THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE. HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED IS BEYOND OUR CONTROL, WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. ONLY PERSONS HAVING SUFFICIENT TECHNICAL SKILL TO MAKE INFORMED JUDGMENTS REGARDING ITS APPLICATION SHOULD USE THIS INFORMATION.

Date: 8/28/03

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**SUPPLIER NOTIFICATION  
UNDER SECTION 313 OF SARA**

Dear ELITE Customer,

Pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372, the products listed below contain toxic chemicals in quantities subject to the reporting requirements under Section 313. (See below.)

Effective January 1, 1989, any persons who sells or otherwise distributes a mixture of trade name product containing toxic chemicals must provide written notice to the recipient with the first shipment in each calendar year. If the recipient repackages or otherwise redistributes this product, a notice indicating that this product is subject to the reporting requirements of Section 313, including the reporting chemical name/category, CAS number and percent by weight, must accompany the shipment.

Please note that the Notification letter must be attached and remain attached to the Material Safety Data Sheet.

**ELITE 8800 (Epoxy Plus, Part A)**

<u>Contains:</u>	<u>CAS Number</u>	<u>Percent by Weight</u>
Xylene	1330-20-7	7%
N-butanol	71-36-3	2%

If you have any questions regarding the notification requirement or any of the above mentioned information, please do not hesitate to call 800-659-0908.

Sincerely,  
ELITE Coatings Inc

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SECTION I - PRODUCT IDENTIFICATION

Product: ELITE 8800 (Catalyst Epoxy Plus, Part B)  
U.S. DOT proper shipping name: Drums/Pails/Samples Paint 3, UN-1263, PG II Flammable Liquid  
Formula: Proprietary  
Chemical Family: Polyamine

SECTION II - HAZARDOUS INGREDIENTS

Ingredient(s)	CAS#	TLV	PEL
Polyamine Blend	Proprietary	Not Estab	Not Estab
Xylene	1330-20-7	100	100

SECTION III - PHYSICAL DATA

Boiling Point: 275-290°F	Vapor Pressure (mmHg): 6
Vapor Density (Air=1): Heavier than Air	Melting Point (°C): N/A
Specific Gravity: 1.00	Solubility in Water: Negligible
Evaporation Rate: Slower than Ether	Appearance: Milky
VOC = .97	Odor: Mild

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): T.C.C., 80°F      Flammable Explosion: LEL=1.0%    UEL=7.0%

Extinguishing Media: (1) DRY CHEMICAL, (2) CO2, (3) FOAM

Special Fire Fighting Procedures: Dry Chemical, Carbon Dioxide, Water Spray or Regular Foam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up due to extreme heat. CAUTION: A straight stream of water will spread fire.

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EMERGENCY & FIRST AID PROCEDURES:

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Skin Contact - Clean and wash affected area with water. Consult a physician.

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TOXICITY: Slightly toxic by ingestion.

CAUTION: Product may become SLIPPERY WHEN WET.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, open flames, and electrical and static discharge.

INCOMPATIBILITY (materials to avoid): Strong acid, alkalis, and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown other than CO2 and possible CO and carbon smoke.

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HAZARDOUS POLYMERIZATION: Will not occur.

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N-butanol	No	No	Yes	Unknown	Unknown	
Xylene	No	No	Yes	1000	No	
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Please note that the Notification letter must be attached and remain attached to the Material Safety Data Sheet.

ELITE 8800 (Catalyst Epoxy Plus, Part B)

Contains:	CAS Number	Percent by Weight
Xylene	1330-20-7	12%

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Sincerely,  
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