

**MATERIAL SAFETY DATA SHEET**

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Maxim 100891 A

MSDS Number: 110001

**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Material Identity**

Product Name: Maxim Semi-Rigid Epoxy  
Product Numbers: 20545Z  
Product Use: Epoxy Adhesive

**Distributed By**

The Easthill Group  
dba/ The Eastwood Company  
263 Shoemaker Road  
Pottstown, PA 19464  
USA & Canada: 800-345-1178  
Outside USA: 610-323-2200

**Emergency Telephone Numbers:**

CHEMTREC: 1-800-424-9300

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient(s)</b>	<b>CAS Number</b>	<b>EINECS Number</b>	<b>% (by weight)</b>
Oxirane, Homopolymer	25085-99-8	N/E	35-40
Calcium Carbonate	00137-65-3	215-279-6	25-30
Talc	014807-96-6	238-877-9	15-20
Barium Sulfate	07727-43-7	231-784-4	10-15

**SECTION 3. HAZARDS IDENTIFICATION****\*\*\*EMERGENCY OVERVIEW\*\*\*****WARNING! May cause eye, nose and skin irritation.****Acute Effects (Short Term):****Eye:** May cause slight eye irritation**Skin:** May cause redness and drying of skin**Swallowing:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea**Inhalation:** May cause respiratory tract irritation

**Chronic Effects of Overexposure (Long Term):** Prolonged inhalation of iron oxide dust is known to produce a condition known as siderosis. On X-rays it appears to be a benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis producing materials such as silica. Because this product is a free-flowing liquid or paste, dust inhalation is not an expected route of exposure.

**Cancer Information:** May contain respirable crystalline silica (quartz) which is classified as a group 2A carcinogen by IARC.

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**Primary Route(s) of Entry:** eye contact, skin contact, inhalation, skin absorption, ingestion.**SECTION 4. FIRST AID MEASURES**

**Eyes:** In case of eye contact, immediately flush eyes with running water for a minimum of 15 minutes. If irritation persists obtain medical attention immediately.

**Skin:** Wash thoroughly with soap and water. Remove contaminated clothing. If irritation persists, get medical attention.

**Swallowing:** If swallowed, Do NOT induce vomiting. Drink 8-10 ounces of water to dilute product in stomach. Obtain medical attention immediately.

**Inhalation:** If inhaled, remove affected person to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

**SECTION 5. FIRE FIGHTING MEASURES**

**Flash Point:** >230° F (110° C)

**Explosive Limit:** Lower: NA Upper: NA

**Autoignition Temperature:** NA

**OSHA Flammability Class:** Combustible liquid Class IIIB

**Hazardous Products of Combustion:** carbon monoxide, phenolics

**Fire and Explosion Hazards:** none known

**Extinguishing Media:** Use water spray or fog, foam, dry chemical or CO2.

**Fire Fighting Instructions:** Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus NIOSH approved with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**\*NFPA Rating:** Health - 2, Flammability - 1, Reactivity - 0

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**In Case of Spill:** Use personal protective equipment as described in (section 8). Absorb spill with inert material and place in a chemical waste container. Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater, or soil.

**SECTION 7. HANDLING AND STORAGE**

**Handling:** Avoid contact with skin, eyes and clothing. Do not use in presence of open flame, sparks or ignition sources. Keep away from heat. Avoid breathing vapors and spray mists. Follow all MSDS/Label precautions even after container is emptied because it

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may retain product residues. After handling always wash hands thoroughly with soap and water.

**Storage:** Keep in a cool, dry, well-ventilated place. Keep container closed when not in use.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eye Protection:** Chemical splash goggles in compliance with OSHA regulations are recommended.

**Skin Protection:** Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. A barrier cream may be used for additional skin protection. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**Respiratory Protection:** Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors.

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits. Explosion-proof ventilation system is acceptable.

**Exposure Guidelines:**

<b>Hazardous Ingredients</b>	<b>CAS Number</b>	<b>OSHA PEL/TWA</b>	<b>ACGIH TLV</b>
Crystalline Silica	014808-60-7	N/E	N/E

Mppcf- millions of particles per cubic foot of air

N/E-Not Established

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	NA	<b>Vapor Density:</b>	N/E
<b>Specific Gravity / Density:</b>	1.72 14.34 lbs/gal	<b>Percent Volatiles by weight:</b>	NA
<b>Evaporation Rate:</b>	Slower than butyl acetate	<b>Physical State:</b>	Paste
<b>Melting Point:</b>	NA	<b>pH:</b>	NA
<b>Odor:</b>	Faint odor	<b>Solubility:</b>	Negligible
<b>Vapor Pressure:</b>	NA	<b>Appearance:</b>	Pinkish
<b>Octanol/Water Partition Coefficient:</b>	NA		

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**SECTION 10. STABILITY AND REACTIVITY**

**Hazardous Polymerization:** An exothermic polymerization will occur at temperatures above 150° F if contacted by polymerizing agents such as peroxides and other free radical formers.

**Chemical Stability:** Stable under normal handling conditions

**Incompatibility:** Avoid contact with alkali metals, strong acids, Hydrazides, Peroxides, oxidizing substances.

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute Toxicity Data:**

<b>Ingredient</b>	<b>CAS #</b>	<b>LD<sub>50</sub> Oral-Rat</b>	<b>LC<sub>50</sub> Inhalation-Rat</b>
Oxirane homopolymer	25085-99-8	5000 mg/kg	NE
Oxirane	68609-97-2	17100 mg/kg	NE
Iron Oxide	1332-37-2	5000 mg/kg	NE

N/E-Not Established

**Carcinogenicity:** see Section 3

**Mutagenicity:** not available

**Teratogenicity:** not available

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** none

**SECTION 13. DISPOSAL CONSIDERATION**

**RCRA Hazardous Waste:** This material as supplied, if discarded, would be regulated as a hazardous waste under RCRA (40 CFR 261). Do not incinerate. Depressurize container. Dispose of in accordance with applicable federal, state, and local regulations.

**RCRA Hazard Class:** This material would be regulated as EPA Hazardous Waste Number D001 based on the characteristic of ignitability.

**SECTION 14. TRANSPORT INFORMATION**

**DOT Description:** The DOT Classification for shipping is dependant on quantity, type of packaging (a kit may include other components), or method of shipment.

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**SECTION 15. REGULATORY INFORMATION****US Federal Regulations****TSCA (Toxic Substances Control Act) Status**

TSCA (USA) The intentional ingredients of this product are listed.

**CERCLA RQ - 40 CFR 302.4(a)**

Component	RQ
None	

**SARA Title III: Section 302- Extremely Hazardous Substances**

None

**SARA Title III: Section 313- Toxic Chemical List**

Component	CAS Number	Percentage
None		

**EPA Hazardous Air Pollutants (HAPS) 40 CFR 63**

Component	CAS Number	Percentage
None		

**International Regulations****EINECS (Europe)****DSL (Canada)****WHMIS Classification**

Health Hazard: D2B

Physical Hazard:

**State and Local Regulations****California Proposition 65:**

This product contains the following chemical(s) known to the state of California to cause cancer. Crystalline Silica (Quartz)

This product contains the following chemical(s) known to the state of California to cause birth defects or reproductive harm. NONE

**SECTION 16. OTHER INFORMATION**

**HMIS Rating:** Health -2, Flammability -1, Reactivity - 0  
Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, \*=Chronic Effects

**Other Precautions for Use:**

Additional Information may be obtained by calling the Evercoat MSDS Hotline at 1-800-729-7600.

**NOTICE:** The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in

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advance of need, that the information is current, applicable and suitable to their circumstances.