



## Material Safety Data Sheet

### 5065 EPOXY RESIN

Revision Date: 2008/06/19

#### Section 1: PRODUCT INFORMATION

**Supplier:** E.W. Industries Ltd.  
P.O. Box 336  
Imperial, SK.  
S0G 2J0  
Ph: (888) 786-6333

**Manufacturer emergency phone number:** 888-354-3323.

**Chemical family:** Epoxide.

**TDG classification:** Not regulated.

**WHMIS classification:**

D2B



**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

**Supplier MSDS date:** 2008/04/28

**Product name:** 5065 Epoxy Resin

#### Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
25068-38-6	60-100	BISPHENOL A/EPICHLOROHYDRIN EPOXY RESIN	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
68609-96-1	10-30	ALKYL GLYCIDYL ETHER	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

#### Section 3: PHYSICAL DATA

**Physical state:** Liquid.

**Appearance & odor:** Clear  
Low viscosity liquid.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not available.

**Vapour density (air=1):** Not available.

#### Volatiles (%)

**By volume:** Not available.

**Evaporation rate (butyl acetate = 1):** Not available.  
**Boiling point (°C):** Not available.  
**Freezing point (°C):** Not available.  
**pH:** Not available.  
**Specific gravity @ 20 °C:** 1.12 @ 25°C  
**Solubility in water (%):** Insoluble.  
**Coefficient of water/oil dist.:** Not available.  
**VOC:** Not available.

#### Section 4: FIRE & EXPLOSION DATA

**Flammability:** Not flammable.  
**Conditions of flammability:** At temperatures at or above flash point.  
**Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Water spray.  
**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.  
**Auto-ignition temperature (°C):** Not available.  
**Flash point (°C), method:** Closed Cup.  
121°C (250°F)  
**Lower flammability limit (% vol):** Not available.  
**Upper flammability limit (% vol):** Not available.  
**Explosion Data**  
**Sensitivity to static discharge:** Not available.  
**Sensitivity to mechanical impact:** Not available.  
**Hazardous combustion products:** Carbon monoxide (CO).  
Carbon dioxide (CO2).  
Aldehydes.  
**Explosive power:** Not available.

#### Section 5: REACTIVITY DATA

**Chemical stability:** Stable under normal conditions.  
**Conditions of instability:** Elevated temperatures.  
**Hazardous polymerization:** Will not occur.  
**Incompatible substances:** Strong oxidizers.  
Strong acids or bases in bulk.  
**Hazardous decomposition products:** See hazardous combustion products.

## Section 6: TOXICOLOGICAL PROPERTIES

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

### Effects of acute exposure

**Eye contact:** Causes irritation.

**Skin contact:** May cause irritation.  
May cause allergic reaction.

**Inhalation:** May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed.

**Effects of chronic exposure:** Allergies, eczema, and other skin disorders may be aggravated by exposure.

**LD50 of product, species & route:** Not available.

**LC50 of product, species & route:** Not available.

**Exposure limit of material:** Not available.

**Sensitization to product:** In certain individuals.  
May cause sensitization.

**Carcinogenic effects:** Not available.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

**Gloves/Type:**



Impervious gloves.

**Respiratory/Type:**



Wear a NIOSH approved organic vapor respirator.  
If exposure is likely.

**Eye/Type:**



Splash proof chemical goggles.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.  
As required to prevent skin contact.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust at points of emission.  
General mechanical ventilation.

**Leak/Spill:** Soak up with an absorbent material.  
Ventilate area.  
Wear appropriate protective equipment.  
Shovel into closeable containers.  
Clean up residue with water.

**Waste disposal:** Dispose in accordance with local, provincial/state, and federal regulations.

**Handling procedures and equipment:** Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Wash thoroughly after handling.  
Avoid contact with skin, eyes and clothing.  
Destroy contaminated shoes.  
Launder contaminated clothing prior to reuse.  
Do not ingest.

**Storage requirements:** Store away from incompatible materials.  
Keep containers tightly closed.  
Protect from moisture.  
Store in a cool, dry and well ventilated area.

**TDG classification:** Not regulated.

**Special shipping information:** See transportation information.

#### Section 8: FIRST AID MEASURES

**Skin contact:** Wash thoroughly with soap and water.  
Remove contaminated clothing.  
Obtain immediate medical attention.

**Eye contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

**Inhalation:** Remove victim to fresh air.  
Obtain immediate medical attention.

**Ingestion:** Obtain immediate medical attention.  
Never give anything by mouth to an unconscious person.  
Do not induce vomiting, unless directed to do so by a physician.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

#### Section 9: ADDITIONAL INFORMATION

**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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