

CORNERSTONE COATINGS INC.

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MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: Impact 100% Epoxy Part A

EMERGENCY TELEPHONE (306) 369-2521

TRADE NAME: **IMPACT 100% EPOXY** Part A

PRODUCT USE: High Gloss Industrial Floor Coating

II HAZARDOUS INGREDIENTS

| <u>HAZARDOUS INGREDIENTS</u> | <u>CAS NO.</u> | <u>LD60 (Species & Route)</u> |
|--------------------------------|----------------|-----------------------------------|
| Bisphenolia Based Epoxy Resin | 25068-38-6 | N/A |
| O-Cresol Glycidal Ether | 2210-79-9 | App. 2.5g/kg (RAT,ORAL) |
| Epichlorohydrin | 106-89-8 | N/A |
| Ethyl Acrylate & | 26376-86-3 | N/A |
| 2-Ethylexyl Acrylate Copolymer | | |

III PHYSICAL DATA

Physical State: Thick Liquid

Odor Threshold: Not Established

Vapor Pressure (mmHg): >1.0

Evaporation Rate: Not Established

Freezing Point: Not Established

Density: 1.14 kg/Litre

Odor & Appearance: Mild Epoxy, Clear

Specific Gravity: 1.14

Vapor Density: Not Established

Boiling point: Not Established

PH: Not Established

Coefficient of Water/Oil: Not Applicable

IV FIRE AND EXPLOSION DATA

FLAMMABILITY: Non Flammable

MEANS OF EXTINCTION: Foam, CO₂, Dry Chemical

UPPER EXPLOSION LIMIT: Not Available

LOWER EXPLOSION LIMIT: Not Available

AUTO-IGNITION TEMPERATURE: Not Available

HAZARDOUS COMBUSTION PRODUCTS: CO, CO

EXPLOSION DATA: Sensitivity to Mechanical Impact: Not Sensitive

EXPLOSION DATA: Sensitivity to Static Discharge: Not Sensitive

FLASHPOINT: >200 F

TDG CLASSIFICATION: Not Regulated

VI REACTIVITY DATA

CHEMICAL STABILITY: Stable

INCOMPATIBILITY TO OTHER SUBSTANCES: Base materials

CONDITIONS OF REACTIVITY: Excessive Heat, Contamination with strong acids, bases, amines, and mercaptans can cause polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO

VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Skin contact, eye contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

SKIN: May cause reddening and swelling and/or sensitization. May cause allergic skin reaction in certain individuals.

EYES: May cause eye injury which may persist for several days

INHALATION: No specific information available

INGESTION: Slightly toxic, see LD50

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

Epichlorohydrin has been reported to produce cancer in laboratory animals and epidemiological studies present "weak" evidence of cancer risk to humans. Epichlorohydrin is listed in the IARC Monographs and by NTP.

EXPOSURE LIMIT(s): Not Established

IRRITANCY OF PRODUCT: See Above

SENSITIZATION TO PRODUCT: May cause skin sensitization

CARCINOGENICITY, REPRODUCTIVE, TERATOGENICITY, MUTAGENICITY: Specific information is not available, but may be mutagenic, carcinogenic.

SYNERGISTIC PRODUCTS: None Known

VII PREVENTATIVE MEASURES

GLOVES: Impervious (Neoprene)

RESPIRATORY: General Dilution Ventilation

EYES: Chemical Splash Goggles

OTHER: Impervious Body Covering

ENGINEERING CONTROLS: General Dilution Ventilation

LEAK/SPILL: Scrape up and containerize, clean residue with warm, soapy water

WASTE DISPOSAL: In accordance with all regulations

HANDLING PROCEDURES & EQUIPMENT: Avoid contact with eyes, skin, and clothing and avoid prolonged breathing vapors.

STORAGE: Keep lid closed, store at 50-80 F

SPECIAL SHIPPING INSTRUCTIONS: None

VIII FIRST AID MEASURES

EYES: Flush with water for 15 minutes, consult a physician

SKIN: Wash with soap & warm water. If irritation occurs, consult a physician

INHALATION: If affected, remove to fresh air and consult a physician

INGESTION: Consult a physician

IX PREPARATION DATA

PREPARED BY: Cornerstone Industrial Consulting Ltd.

PHONE: (306) 369-2521

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