

CORNERSTONE COATINGS INC.

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MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: Impact 100% Epoxy Part B

EMERGENCY TELEPHONE (306) 369-2521

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

PRODUCT USE: High Gloss Industrial Floor Coating

II HAZARDOUS INGREDIENTS

<u>HAZARDOUS INGREDIENTS</u>	<u>CAS NO.</u>	<u>LD60 (Species & Route)</u>
Polyoxypropylenediamine	9046-10-0	1860 mg/Kg (RAT, ORAL)
Tris (Dimethylaminomethyl) Phenol	90-72-2	1873 mg/Kg (RAT, ORAL)
Nonyl Phenol	25164-52-3	Not Available

III PHYSICAL DATA

Physical State: Liquid

Odor & Appearance: Slight Amine, amber

Odor Threshold: Not Established

Specific Gravity: .97

Vapor Pressure (mmHg): Not Established

Vapor Density: Not Established

Evaporation Rate: Not Established

Boiling Point: Not Established

Freezing Point: Not Established

PH: Not Established

Density: .97 kg/litre

Coefficient of Water/Oil: No Applicable

IV FIRE AND EXPLOSION DATA

FLAMMABILITY: Non Flammable

MEANS OF EXTINCTION: Foam, CO₂, Dry Chemical

FLASH POINT: 226 F

UPPER EXPLOSION LIMIT: Not Available

LOWER EXPLOSION LIMIT: Not Available

AUTO-IGNITION TEMPERATURE: Not Available

TDG CLASSIFICATION: Not Regulated

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, NO_x

EXPLOSION DATA: Sensitivity to Mechanical Impact: Not Sensitive

EXPLOSION DATA: Sensitivity to Static Discharge: Not Sensitive

V 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, CO₂, NO_x

VI TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause burns to skin and eyes. High concentration of vapors can cause severe irritation of eyes and respiratory tract. Liquid causes damage to mucous membranes if swallowed.

EFFECTS OF CHRONIC EXPOSURE OF PRODUCT: Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic reactions.

EXPOSURE LIMIT(S): Not Established

IRRITANCY OF PRODUCT: Eyes, skin, respiratory tract

SENSITIZATION TO PRODUCT: May cause skin sensitization

CARCINOGENICITY, REPRODUCTIVE, TERATOGENICITY, MUTAGENICITY: None known

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

DATE: January 2010 UPDATE