

**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 &amp; 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, CO<sub>2</sub>, 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, CO<sub>2</sub>, NO<sub>x</sub>  
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, CO<sub>2</sub>, NO<sub>x</sub>

**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**