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# Material Safety Data Sheet

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Product Names

**CIM Premix for:**  
**CIM 2000**

## Description

2-component elastomeric urethane

## Emergency Telephone

CHEMTREC (800) 424-9300  
 C.I.M. Industries Inc. (603) 924-9481

## Prepared by:

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# CAUTION!

**May cause eye and skin irritation. Prolonged or repeated contact with skin can be harmful.**

## HAZARDOUS CONSTITUENTS

Component	CAS#	ACGIH		OSHA		% Range	Primary Hazard
		TWA	STEL	TWA	STEL		
Amine compounds		n/a		n/a		up to 10%	Irritant contains crystalline silica
Ground Limestone	1317-65-3	2		5		up to 25%	

## HEALTH EFFECTS

## EMERGENCY & FIRST AID PROCEDURES

## SPECIAL PROTECTION

### Eyes

May cause eye irritation.

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.

Wear chemical safety goggles.

### Skin

Prolonged exposure may cause slight irritation.  
 LD<sub>50</sub> (rabbit) > 2 g/kg.

Remove heavily contaminated clothing and wash skin thoroughly with soap and water. DO NOT use solvents or thinners to remove materials from skin.

Skin contact can be minimized by wearing protective clothing and solvent resistant gloves.

### Inhalation

At room temperature, exposure to vapors are minimal due to physical properties.

Move the person to fresh air if effects occur.

Use in well ventilated areas. Wear an OSHA approved type C air supplied respirator when spraying activated CIM products. See MSDS for CIM Activator.

### Ingestion

Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.  
 LD<sub>50</sub> (rat) > 5 g/kg.

Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

Avoid airborne mists which can be inhaled or swallowed. Use protective mask, if necessary.

*All information is based on data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.*

## FIRE PROTECTION

**Flash Point:** >400°F (>204.4°C)

**Autoignition Temp.:** >500°F (>260°C)

**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Foam, Water  
Fog, Halon

**Special Fire Fighting Procedures:** For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. See Hazardous Decomposition Products. Read the entire MSDS.

**NFPA Hazard Rating:** Health 1; Flammability 1; Reactivity 1; Special 0, Class IIIB

**DOT Hazard:** Not regulated

## PHYSICAL PROPERTIES

**Solubility:** Miscible in all proportions with most light halogenated hydrocarbon solvents; soluble to less than 300 ppm in water.

**Appearance (Color, Odor, etc.):** Viscous liquid with mild sweet smell

**Boiling Point:** >572°F (>300°C)

**Melting Point:** n/a

**Specific Gravity:** 1.18@ 68°F (20°C)

**Vapor Pressure:** n/a

**Vapor Density (Air=1):** n/a

**Percent Volatile (Volume):** 0%

## ENVIRONMENTAL PROTECTION

**Environmental Impact:** This material, if not activated with CIM Activator, may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.

**Precautions if Material is Released or Spilled:** Clean up small spills using appropriate techniques such as absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

**Waste Disposal Methods:** Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

**Regulatory Status:** This product may contain small amounts of one or more naturally-occurring materials known to the State of California to cause cancer, birth defects, or other reproductive harm.

## REACTIVITY DATA

**Stability (Thermal, Light, etc.):** Stable

**Incompatibility (Materials to Avoid):** May react with strong oxidizing and reducing materials and acids.

**Hazardous Decomposition Products:** Incomplete combustion can produce carbon monoxide. Normal combustion forms carbon dioxide and water vapor and may produce oxides of nitrogen.  
CIM 2000 elastomer will release hydrogen cyanide.

**Hazardous Polymerization:** Will not occur.

n/a = Not Applicable  
NDA = No Data Available

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## ADDITIONAL HEALTH DATA

CIM Premix is used with CIM Activator to form an elastomeric coating for waterproofing and corrosion protection. Consult the MSDS for CIM Activator. Avoid inhalation of airborne activated CIM mixture which contains isocyanates and may result in sensitization and allergic response in some individuals.

This product contains crystalline silica, which is considered a cancer hazard by inhalation of respirable dust. The International Agency for Research on Cancer (IARC) concluded that respirable crystalline silica is inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1B).

This product may contain small amounts of one or more naturally-occurring materials known to the State of California to cause cancer, birth defects, or other reproductive harm.

## HANDLING & STORAGE

**READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.**

**USE ONLY IN WELL VENTILATED AREA.** Keep container closed.

Do not eat, drink or smoke in working area.

Keep Containers tightly closed when not in use.

Storage temperature: 20°F to 110°F

This product is a Class IIIB combustibles and is not subject to indoor storage limitations per the Uniform Fire Code. Consult your local fire official for exceptions.