



## **Section VI: Health Hazard Data (continued)**

Health Hazards (acute and chronic): Contact with material and fumes may cause skin, eye, and respiratory tract infection and burns. Gross inhalation may cause asthma. Ingestion may cause digestive tract irritation and burns. Material is toxic by ingestion. Gross inhalation or ingestion may result in death. Material may not be absorbed through skin. Repeated skin contact may result in embrittlement of bones, mottling of teeth, stiffening of ligaments and tendons (fluorosis), kidney and respiratory tract effects. May be mutagenic in lab animals. Studies show that potential health risks vary by individual. Minimize exposure as a precaution.

Carcinogenicity: not determined      NPT? no      IARC monographs? no

Signs and symptoms of exposure: Inhalation – nose & throat irritation, headache, dizziness, difficulty breathing, coughing. Ingestion – nausea, vomiting, cramps. Skin – redness, burning, rash, dryness. Eye – redness, burning, tearing, blurred vision.

Medical Conditions Aggravated by Exposure: skin, bone, and respiratory conditions

Emergency First-Aid Procedures:

Skin: Flush with water immediately, wash thoroughly – seek medical attention if required

Eyes: Flush with water for 15 minutes - seek medical attention

Ingestion: Drink large amounts of water. Do NOT induce vomiting - seek medical attention

Inhalation: Remove to fresh air. Support respiration if required. Seek medical attention if required.

## **Section VII: Precautions for Safe Handling and Use**

Steps to be taken if material is released or spilled: Flush into a chemical sewer or soak up with a suitable absorbent.

Waste disposal method: dispose of in accordance with all local, state and federal regulations.

Other Precautions: Avoid skin and eye contact, inhalation, ingestion of fumes and material.

Wash contaminated clothing before reuse. Keep away from children. Do not reuse container.

## **Section VIII: Control Measures**

Respiratory Protection (type): Organic/Acid type respirator required for fumes

Ventilation: Local exhaust preferred      Special: NE

Mechanical: OK      Other: NE

Protective Gloves: plastic or rubber      Eye Protection: Goggles or face shield

Other protective clothing or equipment: as required to avoid contact.

Work/Hygienic Practices: Wash after use. Follow good industrial hygienic practices.

## **Section IX: Additional Information**

DOT Classification: Non-Hazardous

NFPA Classification (NFPA 325M, 8<sup>th</sup> edition) (Health, Flammability, Reactivity): 1-0-0

Other: NE

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NE: not established      NA: Not Applicable