

Skin Contact: Wash skin with plenty of water, and soap if available, for several minutes. Call a physician if irritation develops or persists.

If heated to high heat temperatures, thermal burns may result from skin contact. Do not try to peel the solidified material from the skin nor use solvents or thinners to dissolve it. The use of vegetable oil or mineral oil is recommended for removal of this material from the skin.

Inhalation: Move to fresh air. Call a physician if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth, give 3 - 4 glasses of water but DO NOT induce vomiting. If vomiting does occur, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Never give anything by mouth to an unconscious or convulsing person.

Section 4 - Physical Data

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|-------------------------------|--|-----------------------------------|-----------------|
| Boiling Point (F) | 500° F (260° C) | Specific Gravity (H2O=1)..... | 0.97 |
| Vapor Pressure..... | NA | Evaporation Rate (Water = 1)..... | NA |
| Vapor Density (Air = 1) | NA | Percent Volatile | NIL |
| Solubility in Water | Insoluble | Melting point | 284° F (140° C) |
| Appearance and Odor | White to tan powder, slight amide odor | | |

Section 5 – Fire and Explosion Data

Flash Point (COC)545° F (285° C) Flammable LimitsLEL = NA UEL = NA
Autoignition temperature.....NA

Extinguishing Media Use media suitable for surrounding materials. Water spray, fog, or mist, foam, carbon dioxide, sand, dirt, or dry chemical.

Special Fire Fighting Procedures High velocity water will spread the burning surface layer. Treat as hot oil or fat. If water must be used, use a fog nozzle to avoid spattering of hot material and spread of burning liquid.

Unusual Fire and Explosion Hazards

Airborne dust, atomized or powdered and in the presence of an ignition source may constitute an explosive hazard. The flammability rating has been assigned as a "4". According to the HMIS guidelines, this rating is given to materials that can form explosive mixtures with air and which are readily dispersed in air. The manufacturer has determined that this material presents severe explosion hazard as determined by the Bureau of Mines test.

The dust is easy to ignite. Dust explosions always must be considered under conditions of high dust concentration in the presence of an ignition source, including static electricity.

Section 6 – Reactivity Data

Incompatibility (Conditions to Avoid) Strong oxidizers or reducing agents.

Hazardous Decomposition Products COx, NOx; thermal decomposition starts before boiling point of 500° F (260° C)

Is the Product Stable? Yes

Section 7 - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled

Wet using a water mist or fog to prevent dusting. **Static electrify – static charges may accumulate on product causing an electrical discharge hazard.**

Caution! If wet, floors may become slippery. Avoid dusting and contain spill. Carefully shovel spills (avoid generating dust and spark) into appropriate containers for disposal. Uncontaminated material may be scooped up for use. If contaminated, scoop into a container for disposal. Remove sources of ignition. Wear appropriate personal protective equipment. Self-contained breathing apparatus preferred for large spills. Do not allow to enter sewers or watercourses. To remove residue from surfaces, wet with water, absorb with sand or vermiculite and place in compatible container for

disposal. Do not use a vacuum unless it is explosion proof.

If spilled hot, allow to cool and solidify before proceeding.

Waste Disposal Methods

Dispose of in accordance with Local, state, and Federal regulations. Depending upon product condition, it may be suitable for reprocessing. Incineration is the preferred method of disposal.

Section 8 - Exposure Control Information

Storage and Handling

Dust cloud or atomized product can be explosive, especially when static electricity is present. If dust will be generated, bond all containers and equipment.

Protect containers against physical damage. Keep container closed. Store in closed and labeled containers, in a cool, dry area, away from heat, sparks, open flame, acids, and incompatible materials. Avoid contact with eyes, skin, and clothing. Use with adequate ventilation.

Ventilation Local exhaust may be necessary for some handling or use conditions, to keep air contaminants below their exposure levels.

Respiratory Protection If TLV is exceeded (visible dust cloud), or for symptoms of overexposure, wear a NIOSH-approved dust respirator capable of protecting against respirable dust (<10 microns).

Protective Clothing Protective type apron, coveralls, long sleeves, and foot coverings, as needed to prevent skin contact. Rubber or neoprene gloves, when needed.

Other Protective Equipment

If contact with the dust is likely, eye protection is recommended. Chemical Monogoggles or safety glasses with side shields and a face shield will provide protection in most situations. Do not wear contact lenses.

Other Precautions

Personnel should wash thoroughly before eating, drinking, smoking, or applying cosmetics. An eyewash station is recommended.

Additional Comments

CAUTION Intentional misuse of this chemical product, as with any industrial chemical, in contact with the body can be harmful or fatal. This includes such things as deliberately breathing, placing in mouth, swallowing, placing on skin, or any other body contact, or repeated, or continuous contact.

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