

01 – PRODUCT IDENTIFICATION

DATE PREPARED: 5/31/90

EMERGENCY TELEPHONE NUMBER: 313-634-8278

TELEPHONE NUMBER FOR INFORMATION: 800-378-7891

02 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>INGREDIENT</u>	<u>OSHA PEL / ACGIH TLV</u>	<u>ACGIH TLV</u>
PARTICULATES NOT OTHERWISE REGULATED	15 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)	10 mg/m ³

THE SPECIFIC FORMULA IS PROPRIETARY. ADDITIONAL INFORMATION WILL BE RELEASED TO MEDICAL PROFESSIONALS, AND OTHERS, UPON REQUEST AS SPECIFIED IN THE FEDERAL HAZARD COMMUNICATION STANDARD.

03 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NA
SPECIFIC GRAVITY (H₂O = 1): N/I
VAPOR PRESSURE (MM HG): NA
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NA
SOLUBILITY IN WATER: A PORTION OF THE MATERIAL DISSOLVES IN WATER. THE INSOLUBLE MATERIAL REMAINS AS SUSPENDED SOLIDS.
EVAPORATION RATE (BUTYL ACETATE = 1): NA
APPEARANCE & ODOR: LARGE TAN COLORED PELLETS.

04 – FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): NA
FLAMMABLE LIMITS: LEL: NA UEL: NA
EXTINGUISHING MEDIA:
TREAT AS A CLASS A FIRE. USE WATER, FOAM, OR MULTIPURPOSE DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES:
WEAR A SELF CONTAINED BREATHING APPARATUS TO PROTECT AGAINST OXYGEN DEFICIENCY AND TOXIC GASES WHICH MAY BE FORMED AS THE MATERIAL BURNS. THE MATERIAL IS STRONGLY ALKALINE. IMPERVIOUS CLOTHING SHOULD BE WORN BY FIREFIGHTERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS
THE RESIDUE FROM ANY FIRE INVOLVING THE MATERIAL WILL BE STRONGLY ALKALINE.

05 – REACTIVITY DATA

STABLE-CONDITIONS TO AVOID: NA

INCOMPATIBILITY (MATERIALS TO AVOID)
STRONG OXIDIZING AGENTS, ALUMINUM POWDER, AMMONIA, AND ACIDS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
CARBON MONOXIDE AND CARBON DIOXIDE WILL BE PRODUCED IF THE MATERIAL BURNS.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR – CONDITIONS TO AVOID
NA.

06 – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION: YES

SKIN: YES

INGESTION: YES

HEALTH HAZARDS (ACUTE AND CHRONIC): EYE CONTACT MAY CAUSE SEVERE EYE IRRITATION OR BURNS. SKIN CONTACT MAY CAUSE SKIN IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE MORE SERIOUS SKIN DISORDERS. INHALATION OF DUST MAY CAUSE RESPIRATORY TRACT IRRITATION AND CHEMICAL PNEUMONIA. IF SWALLOWED, MAY CAUSE GASTROINTESTINAL DISTURBANCES.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE CONTACT

IRRITATION, PAIN, REDDENING, AND SWELLING.

SKIN CONTACT

IRRITATION, ITCHING, PAIN, REDDENING, AND SWELLING OF AFFECTED SKIN.

INHALATION

IRRITATION AND PAIN OF THE THROAT AND UPPER RESPIRATORY TRACT, COUGHING, DIFFICULTY BREATHING, AND FLU-LIKE SYMPTOMS.

INGESTION

GASTROINTESTINAL DISTRESS AND NAUSEA.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PEOPLE WITH PRE-EXISTING RESPIRATORY PROBLEMS SUCH AS ASTHMA AND EMPHYSEMA SHOULD AVOID THE INHALATION OF IRRITATING DUSTS.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CONSULT A DOCTOR.

SKIN CONTACT

IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CONSULT A DOCTOR IF IRRITATION PERSISTS.

INHALATION

MOVE TO FRESH AIR. CONSULT A DOCTOR.

INGESTION

IF CONSCIOUS, HAVE VICTIM DRINK LARGE QUANTITIES OF WATER OR MILK TO DILUTE THE SWALLOWED ALKALINE MATERIAL. DO NOT INDUCE VOMITING. – ASPIRATION OF MATERIAL INTO THE LUNGS DURING VOMITING MAY CAUSE CHEMICAL PNEUMONIA. CONSULT A DOCTOR IMMEDIATELY.

07 – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
SWEEP UP SPILLED MATERIAL – MINIMIZE DUSTING.

WASTE DISPOSAL METHOD
DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
DO NOT STORE NEAR INCOMPATIBLE MATERIALS OR SOURCES OF HEAT.

OTHER PRECAUTIONS: N/I

08 – CONTROL MEASURES

RESPIRATORY PROTECTION

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. USE A NIOSH APPROVED RESPIRATOR IF THE AIRBORNE CONCENTRATION EXCEEDS THE OSHA PEL.

VENTILATION

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. VENTILATE IF NEEDED TO MAINTAIN THE AIRBORNE CONCENTRATION AT OR BELOW THE OSHA PEL.

PROTECTIVE GLOVES

USE IMPERVIOUS RUBBER GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTION

USE CHEMICAL SPLASH GOGGLES OR A FULL FACESHIELD TO PREVENT EYE CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

IF CONTACT IS UNAVOIDABLE, USE OTHER IMPERVIOUS PROTECTIVE CLOTHING.

WORK/HYGIENE/MAINTENANCE PRACTICES

WASH HANDS AFTER USE. LAUNDRER CONTAMINATED CLOTHING.

09- SPECIAL PRECAUTIONS

10 - DISCLAIMER

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