



INDUSTRIES, INC.

We put safety at your feet!

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MATERIAL SAFETY DATA SHEET

CEASEFIRE Fire Retardant

for DURABAK one-part moisture-cured polyurethane
and other polyurethane resins

PRODDUCT IDENTIFICATION

CHEMICAL NAME: Proprietary Mixture

CAS # NJ Trade Secret - Registered

USE OR DESCRIPTION: Flame Retardant

TYPICAL CHEMICAL & PHYSICAL PROPERTIES

APPEARANCE: Gray Powder

VISCOSITY: @100 F, SUS NA @ 40 C, CS NA

ODOR: None

VISCOSITY: @ 210 F, SUS NA @100 C, CS NA

RELATIVE DENSITY: 15/4 C NE

SOLUBILITY: In Water: Approx 3 G/L pH: 6.0 (3% Slurry)

MELTING POINT: F(C) (245 D)

BOILING POINT: F(C) NA

POUR POINT: F(C) NA

FLASH POINT: F(C) (Method) NA

VAPOR PRESSURE: HG 20

NA= NOT APPLICABLE

NE= NOT ESTABLISHED

D=DECOMPOSES

INGREDIENTS

WT PCT TLV (TWA) MG/M3 PPM

HAZARDOUS INGREDIENTS: NONE KNOWN

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: F(C) (Method) NA

FLAMMABLE LIMITS: LEL: NE UEL: NE

EXTINGUISHING MEDIA: Base upon other materials involved in fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should always use self-contained breathing apparatus when fighting a fire with chemicals involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Know

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Rinse with running water for 15 minutes. If irritation occurs, consult a physician.

SKIN CONTACT: Wash with soap and water, rinse thoroughly. If irritation occurs, contact a physician. Remove contaminated clothing and wash before reuse.

INHALATION: Not expected to be a problem

INGESTION: Drink a large quantity of water and consult a physician.

REACTIVITY DATA

STABILITY: (THERMAL, LIGHT, ETC): Stable

CONDITIONS TO AVOID: None Known

INCOMPATIBILITY: (MATERIALS TO AVOID): None known

HAZARDOUS DECOMPOSITION PRODUCTS: NE

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

SPILL OR LEAK PROCEDURE

ENVIRONMENTAL IMPACT: Report spills as required to appropriate authorities. Regulations require immediate reporting of spills that could reach any waterway, including intermittent dry creeks. Report spills to National Response Center Toll Free Number 800-424-8802

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Sweep/Shovel up spilled material. If contaminated as a result of spill, dispose of as waste.

WASTE MANAGEMENT: Dispose of at an authorized waste disposal facility in accordance with applicable current regulations and the existing condition of the product.

SPECIAL PROTECTION AS APPROPRIATE

EYE PROTECTION: Safety Glasses/Face protection as appropriate

SKIN PROTECTION: Work Gloves

RESPIRATORY PROTECTION: Not required under normal conditions of use.

VENTILATION: As required to prevent dusting

OTHER: Exercise good industrial hygiene.

SPECIAL PRECAUTIONS

HANDLING: Avoid generating dust

STORAGE: None known

STORED MATERIALS MUST BE LABELED AS: INTUMAX DBK

HEALTH HAZARD DATA

ACUTE HEALTH HAZARDS: None known; Possible allergic effects

CARCINOGENICITY: Listed: NTP: No IARC Monographs: No OSHA Regulated: No

SIGNS AND SYMPTOMS OF EXPOSURE: None known; Possible asthmatic or skin manifestations

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known; Possible allergic manifestations

SUBACUTE AND MUTAGENICITY (SUMMARY): None known.

CHRONIC OR SPECIALIZED (SUMMARY): None known

TARGET ORGAN EFFECTS: None Known

OTHER DATA: This product is neutral and is not expected to be an irritant; allergic manifestations are possible, however.

EMERGENCY PHONE #: 973-465-0077

HAZARD WARNING: There is a possibility bicyclic phosphates or phosphites can be produced as a result of the thermal decomposition of this product in combination with trimethylol propane, trimethylol propane derived products or their corresponding trimethylol alkane homologs. Bicyclic phosphates and phosphites are a class of materials with acute neurotoxic properties which produce characteristic convulsive seizures in test animals. Therefore, this product should not be used in conjunction with Trimethylol Propane or Trimethylol Propane derived products.