



**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.