

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-75/75-23-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
75-23-0  
**Code:**  
M

**RTECS:**  
KQ8060000  
**Code:**  
M

**Name:**  
BORON TRIFLUORIDE-ETHYLAMINE COMPLEX

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**  
2

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE AN APPROVED ORGANIC VAPOR RESPIRATOR WHEN THE PRODUCT IS HEATED TO 120F OR ABOVE AND AN APPROVED DUST RESPIRATOR WHEN MACHINING THE CURED PRODUCT. 6

**Ventilation:**  
LOCAL EXHAUST-SUFFICIENT TO CONTROL VAPORS AND/OR DUST HENERATED.

**Protective Gloves:**  
IMPERVIOUS MATERIALS.

**Eye Protection:**  
SAFETY GLASSES OR GOGGLES.

**Other Protective Equipment:**  
Equipment WEAR APPROPRIATE FOOTWARE.

**Work Hygienic Practices:**  
EMERGENCY EYE WASH AND BARRIER CREAMS.

**Supplemental Safety and Health:**  
NONE

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS UNKNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN-POSSIBLE IRRITATION. EYE-POSSIBLE IRRITATION. INHALATION-POSSIBLE IRRITATION. INGESTION-NOT AVAILABLE.

**Explanation Of Carcinogenicity:**  
NONE SPECIFIED BY MANUFACTURER.

**Signs And Symptions Of Overexposure:**  
NONE SPECIFIED BY MANUFACTURER.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
SKIN-IMMEDIATELY WASH THE AFFECTED AREA THOROUGHLY WITH PLENTY OF WATER OR SOAP & WATER. REMOVE CONTAMINATED CLOTHING, GET MEDICAL ATTENTION. EYES-FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; C ONTACT A PHYSICIAN. INHALATION-REMOVE TO FRESH AIR. AID BREATHING; GET MEDICAL ATTENTION, IF NECESSARY. INGESTION-IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. CONTACT A PHYSICIAN IMMEDIATELY.

**Spill Release Procedures:**  
N/APP

**Neutralizing Agent:**  
5 N/APP

**Waste Disposal Methods:**  
COMPLY WITH ALL APPLICABLE REGULATIONS. CONTACT AN APPROPRIATE WASTE DISPOSAL CONTRACTOR AND ENVIRONMENTAL AGENCY.

**Handling And Storage Precautions:**  
HANDLE IN A WELL VENTILATED AREA; LOCAL EXHAUST IS RECOMMENDED. USE PERSONAL PROTECTIVE QUIPMENT TO PREVENT CONTACT WITH THE PRODUCT.

**Other Precautions:**  
HANDLING PRACTICES FOR ALUMINUM COATED FIBERGLASS, WHEN APPLICABLE, MUST BE IN ACCORDANCE WITH NFPA 65, CHAPTER 1-5. AIRBORNE GRAPHITE FIBERS AND/OR DUST, WHEN APPLICABLE, CAN CREATE A SEVERE ELECTRIC AL-SHORT HAZARD.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
CARBON DIOXIDE, DRY CHEMICAL, WATER OR FOAM.

**Fire Fighting Procedures:**  
SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHES.

**Unusual Fire/Explosion Hazard:**  
DUST FROM MACHINING ALUMINUM COATED FIBERGLASS SHOULD NOT BE EXPOSED TO MOISTURE AS IT MAY LIBERATE HYDROGEN GAS & FORM EXPLOSIVE AIR MIXTURES.

## Physical/Chemical Properties

**HCC:**  
V7

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/R

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/R 7

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
N/R

**Appearance and Odor:**  
COATED FABRIC OR FIBER; NATURAL COLORE LIGHT-TAN TO OFF WHITE.

**Percent Volatiles by Volume:**  
0-2

**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE ANTICIPATED.

**Materials To Avoid:**  
STRONG ACIDS, BASES AND OXIDIZING AGNETS.

**Hazardous Decomposition Products:**  
MAY FORM TOXIC MATERIALS; AVOID INHALATION.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE ANTICIPATED.

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P