

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7784-30-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7784-30-7  
**Code:**  
T

**RTECS:**  
TB6450000  
**Code:**  
T

**Name:**  
ALUMINUM PHOSPHATE Environmental Wt: Other REC

**Other REC Limits:**  
N/P

**OSHA PEL:**  
20 MPPCF (DUST)

**Code:**  
M

**OSHA STEL:**  
N/P  
**Code:**

**ACGIH TLV:**  
N/P  
**Code:**

**ACGIH STEL:**  
N/P  
**Code:**

## Control Measures

### Respiratory Protection:

ORGANIC VAPOR/DUST/MIST TYPE. USE RESPIRATORY PROTECTIN UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES. INDUSTRIAL HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF EXISTING ENGINEERING CONTROLS.

### Ventilation:

LOCAL EXHAUST AND GENERAL VENTILATION: RECOMMENDED.

### Protective Gloves:

CHEMICAL PROTECTIVE (NEOPRENE/NITRILE RUBBER, POLYVINYLALCOHOL) RECOMMENDED.

### Eye Protection:

SAFETY GLASSES AS A MINIMUM.

### Other Protective Equipment:

Equipment NOT PROVIDED

### Work Hygienic Practices:

WASH AT MEALTIME AND END OF SHIFT. CONTAMINATED CLOTHIG AND SHOES SHOULD BE REMOVED AS SOON AS PRACTICAL AND THOROUGHLY CLEANED BEFORE REUSE.

### Supplemental Safety and Health:

CONTD FROM PRODUCT ID: PART NUMBER FOR ROBERT MCKEOWN (7B953): MOLYKOTE G-N. NOTE: THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING. USE AT ELEVATED TEMPERATURE, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS

## Health Hazards Data

### LD50/LC50 Mixture:

NOT PROVIDED

### Route Of Entry Inds - Inhalation:

N/P

### Skin:

N/P

### Ingestion:

N/P

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

EYE: DIRECT CONTACT IRRITATES SLIGHTLY WITH REDNESS AND SWELLING. SKIN: REPEATED OR PORGLONG CONTACT MAY CAUSE DEFATTING OF THE SKIN LEADING TO DERMATITIS. INHALATION: SHORT VAPOR EXPOSURE MAY CAUSE DROWSINESS, IRRITATE NOSE AND THROAT AND CAUSE INJURY TO THE FOLLOWING ORGAN(S): NERVOUS SYSTEM. ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC, SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY INURE SLIGHTLY. CHRONIC: SKIN: NONE KNOWN.

### Explanation Of Carcinogenicity:

NONE KNOWN

### Signs And Symptoms Of Overexposure:

EYE: DIRECT CONTACT IRRITATES SLIGHTLY WITH REDNESS AND SWELLING. SKIN: REPEATED OR PORGLONG CONTACT MAY CAUSE DEFATTING OF THE SKIN LEADING TO DERMATITIS. INHALATION: SHORT VAPOR EXPOSURE MAY CAUSE DROWSINESS, IRRITATE NOSE AND THROAT.

### Medical Cond Aggravated By Exposure:

NOT PROVIDED

### First Aid:

EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN: REMOVE FROM SKIN AND WASH THOROUGHLY WITH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER ILL EFFECTS DEVELOP OR PERSIST. INHALATION: REMOVE TO FRESH AIR. GET 5 MEDICAL ATTENTION IF ILL EFFECTS PERSIST. ORAL: GET IMMEDIATE MEDICAL ATTENTION. ONLY INDUCE VOMITING AT THE INSTRUCTIONS OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. TREAT ACCORDING TO PERSON'S CONDITION AND SPEC

### Spill Release Procedures:

WIPE UP OR SCRAPE UP AND CONTAIN FOR SALVAGE OR DISPOSAL. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT

RECOMMENDATIONS. LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS MAY APPLY TO RELEASES AND DISPOSAL O F THIS MATERIAL, AS WELL AS THOSE MATERIALS AND ITEMS EMPLOYED IN THE CLEANUP OF RELEASES. YOU WILL NEED TO DETERMINE WHICH FEDERAL, STATE AND LOCAL REGULATIONS ARE APPLICABLE.

### Neutralizing Agent:

NOT RELEVANT

### Waste Disposal Methods:

LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS MAY APPLY TO RELEASES AND DISPOSAL OF THIS MATERIAL, AS WELL AS THOSE MATERIALS AND ITEMS EMPLOYED IN THE CLEANUP OF RELEASES. YOU WILL NEED TO DETERMINE WHICH FEDERAL, STATE AND LOCAL REGULATIONS ARE APPLICABLE.

### Handling And Storage Precautions:

NO SPECIAL PRECAUTIONS. USE REASONABLE CARE AND STORE AWAY FROM OXIDIZING MATERIALS. KEEP CONTAINER CLOSED.

### Other Precautions:

USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR. AVOID EYE CONTACT. DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

## Fire and Explosion Hazard Information

### Flash Point Method:

CC

### Flash Point:

>100.C, 212.F

### Flash Point Text:

### Autoignition Temp:

### Autoignition Temp Text:

N/D

### Lower Limits:

N/D

### Upper Limits:

N/D

### Extinguishing Media:

WATER SPRAY. CARBON DIOXIDE (CO2). DRY CHEMICAL. FOAM. WATER CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.

### Fire Fighting Procedures:

CO2, CARBON DIOXIDE APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING LARGE FIRES INVOLVING CHEMICALS.

### Unusual Fire/Explosion Hazard:

NONE

## Physical/Chemical Properties

### V5:

### NRC/State LIC No:

NOT RELEVANT

### NOT PROVIDED WT For Ammo:

### Boiling Point:

### B.P. Text:

NOT APPLICABLE

### Melt/Freeze Pt:

### M.P/F.P Text:

NOT DETERMINED

### Decomp Temp:

NOT PROVIDED

### Decomp Text:

NOT PROVIDED

### Not Applicable:

NOT APPLICABLE

### Not Determined:

NOT DETERMINED

### Vapor Density:

N/A

### Volatile Org Content %:

### Spec Gravity:

1.35

### VOC Pounds/Gallon:

### PH:

NOT APPLICABLE

### VOC Grams/Liter:

### Viscosity:

NOT APPLICABLE

### Evaporation Rate & Reference:

NOT APPLICABLE

### Solubility in Water:

NOT DETERMINED

### Appearance and Odor:

CHARCOAL GRAY PASTE, SLIGHT ODOR

### Percent Volatiles by Volume:

N/A

### Corrosion Rate:

NOT PROVIDED

### Reactivity Data:

NOT PROVIDED

### Stability Indicator:

YES

### Stability Condition To Avoid:

NONE

### Materials To Avoid:

OXIDIZING MATERIAL CAN CAUSE A REACTION.

### Hazardous Decomposition Products:

NOT PROVIDED

### Carbon Oxides:

CARBON DIOXIDE, PHOSPHORUS OXIDES.

### Nitrogen Oxides:

NITROGEN OXIDES.

### Hydrogen Sulfide:

HYDROGEN SULFIDE.

### Hydrogen Chloride:

HYDROGEN CHLORIDE.

### Hydrogen Fluoride:

HYDROGEN FLUORIDE.

### Hydrogen Peroxide:

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