

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7782-42-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7782-42-5

Code:

M

RTECS:

MD9659600

Code:

M

Name:

GRAPHITE, NATURAL

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

10 MG/M3/RUSP 5MPPCF

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

10 MG/M3 TOTAL

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IF UNKNOWN EXPOSURE LEVEL, NIOSH APPROVED SCBA. IF LEVELS ARE KNOWN, USE NIOSH APPROVED SUITABLE RESPIRATOR.

Ventilation:

GOOD ENCLOSURE LOCAL EXHAUST VENTILATION.

Protective Gloves:

IMPERVIOUS, BARRIER CREAMS W/GLOVES

Eye Protection:

CHEMICAL SPLASH GOGGLES/FACE SHIELD

Other Protective Equipment:

Equipment APRON, PANTS, LONG SLEEVE SHIRT, DISPOSABLE COVERALLS, EYEBATH/SAFETY SHOWER. FULL FACEPIECE RESPIRATOR.

Work Hygienic Practices:

4 KEEP FOOD, DRINK, TOBACCO PRODUCTS AWAY. WASH FACE/HANDS W/SOAP & WATER BEFORE EATING/DRINKING/SMOKING.

Supplemental Safety and Health:

NK

Health Hazards Data

LD50/LC50 Mixture:

LD50 ACUTE DERMAL RABBIT >2000 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SKIN: ALLERGIC REACTIONS, IRRITATION. EYE: IRRITATION. INHAL: IRRITATION/INJURY OF RESPIRATORY TRACT, LUNG DAMAGE/CANCER RESPIRATORY CONGESTION.

Explanation Of Carcinogenicity:

ASBESTOS IS LISTED BY NTP AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALATION OF ASBESTOS MAY CAUSE SHORTNESS OF BREATH, DIFF BREATHING, CHEST PAINS.

Medical Cond Aggravated By Exposure:

NK

First Aid:

SKIN: WASH W/SOAP & WATER. REMOVE CONTAM CLOTHES/SHOES. GET MED AID. DESTROY/THOROUGHLY CLEAN SHOES BEFORE REUSE. WASH CONTAM CLOTHES BEFORE REUSE. INHAL: REMOVE TO FRESH AIR.

Spill Release Procedures:

SWEEP SPILLS. PLACE IN CONTAINER. FLUSH AREA W/WATER. WEAR NIOSH APPROVED SCBA. IF EXPOSURE IS KNOWN, WEAR NIOSH APPROVED SCBA SUITABLE TO THAT LEVEL. (SEE SECTION 8).

Neutralizing Agent:

3 NK

Waste Disposal Methods:

RECYCLE IF POSSIBLE. DISPOSE OF BY INCINERATION AT EPA FACILITIES.

Handling And Storage Precautions:

NO CONTACT W/SKIN. WASH AFTER HANDLING. PRODUCT WILL POLYMERIZE VERY SLOWLY AT ROOM TEMP. STORE AT 0F. DONT EXPOSE TO HIGH TEMPS PRIOR TO CURE.

Other Precautions:

NK

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

NA

Flash Point Text:

NA

Autoignition Temp:

NA

Autoignition Temp Text:

NA

Lower Limits:

NA

Upper Limits:

NA

Extinguishing Media:

WATER, CO2, DRY CHEMICAL.

Fire Fighting Procedures:

WEAR POSITIVE PRESSURE SCBA AND FULL PROTECTIVE CLOTHING. (SEE SECTION 8).

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:**NRC/State IC No:**

NK

Net Prop WT For Ammo:

NA

Boiling Point:

NA

B.P. Text:

NA

Melt/Freeze Pt:

NA

M.P/F.P Text:

NA

Decomp Temp:

NA

Decomp Text:

NA

Vapor Pres:

NA

Vapor Density:

NA

Volatile Org Content %:

NA

Spec Gravity:

1.5-1.7

VOC Pounds/Gallon:

NA

PH:

NA

VOC Grams/Liter:

NA

Viscosity:

NK

Evaporation Rate & Reference:

NA

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

DARK GRAY, TACKY FILM, NO ODOR.

Percent Volatiles by Volume:

<1.0

Corrosion Rate:

NK

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE

Materials To Avoid:

STRONG OXIDIZING AGENTS, ACIDS, BASES OR AMINES. DONT HEAT >90F.

Hazardous Decomposition Products:

OXIDES OF CARBON, HYDROGEN CYANIDE, AMMONIA AND OXIDES OF NITROGEN.

Hazardous Polymerization Indicator:

YES

Conditions To Avoid Polymerization:

ACIDS, OXIDIZING AGENTS, BASES OR AMINES. DONT HEAT >90F.

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:

N/P

Physical/Chemical Properties

HCC:**NRC/State IC No:**

NK

Net Prop WT For Ammo:

NA

Boiling Point:

NA

B.P. Text:

NA

Melt/Freeze Pt:

NA

M.P/F.P Text:

NA

Decomp Temp:

NA

Decomp Text:

NA

Vapor Pres:

NA

Vapor Density:

NA

Volatile Org Content %:

NA