

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-772/7722-76-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7722-76-1

Code:

M

RTECS:**Code:**

X

Name:

PHOSPHATE BINDER (AMMONIUM PHOSPHATE) % low Wt:

Other REC Limits:

N/K

OSHA PEL:

0.05 MG/M3 RDUST

Code:

M

OSHA STEL:

N/P

Code:**ACGIH TLV:**

0.05 MG/M3 RDUST

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED DUST AND/OR ORGANIC VAPOR RESPIRATOR FOR EXPOSURES ABOVE TLV.

Ventilation:

LOCAL EXHAUST RECOMMENDED TO MAINTAIN EXPOSURES BELOW TLV. 4

Protective Gloves:

IMPERVIOUS GLOVES.

Eye Protection:

ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:

NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:

NUISANCE DUST HAZARD. AVOID CREATING DUST. WEAR DUST MASK UNDER DUSTY CONDITIONS.

Health Hazards Data

LD50/LC50 Mixture:

SEE TOXICITY SECTION

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

INGREDIENT 6: MAY CAUSE IRRITATION TO SKIN, EYES AND LUNGS. INGREDIENT 7: MAY IRRITATE SKIN AND EYES. INGREDIENTS 1, 2, & 3: CHRONIC EXPOSURE TO DUST COULD CAUSE PULMONARY PROBLEMS. CHRONIC OVEREXPOSURE TO DUST CONTAINING RESPIRABLE SIZED CRYSTALLINE SILICA (QUARTZ, CRYSTOBALITE, AND TRIDYMITE) CAN CAUSE DELAYED LUNG INJURY (SILICOSIS). TARGET ORGANS: RESPIRATORY SYSTEM AND LUNGS.

Explanation Of Carcinogenicity:

CRYSTALLINE SILICA (QUARTZ, CRYSTOBALITE, TRIDYMITE): GRP 2A: IARC MONOGRAPHS.

Signs And Symptoms Of Overexposure:

IRRITATION, COUGHING. 3

Medical Cond Aggravated By Exposure:

INHALATION OF DUST CONTAINING CRYSTALLINE SILICA MAY CONTRIBUTE TO PRE-EXISTING PULMONARY DISEASES SUCH AS ASTHMA AND LUNG DISORDERS ASSOCIATED WITH SMOKING OF TOBACCO.

First Aid:

SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL HELP.

Spill Release Procedures:

AVOID GENERATING DUST EXPOSURE DURING CLEANUP.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF MATERIAL ACCORDING TO LOCAL, STATE OR FEDERAL REGULATIONS AS FINAL USED CONDITION OF PRODUCT DICTATES.

Handling And Storage Precautions:

AVOID DUST GENERATION.

Other Precautions:

CRYSTALLINE SILICA LEVELS IN USED REFRACTORIES MAY BE HIGHER OR LOWER THAN AS-SHIPPED DEPENDING ON SERVICE CONDITIONS. HYGIENE MONITORING MUST BE DONE TO INSURE THE PROPER EMPLOYEE PROTECTION DURING T EAROUT.

Fire and Explosion Hazard Information

Flash Point Method:

N/A

Flash Point:**Flash Point Text:**

NONFLAMMABLE

Autoignition Temp:**Autoignition Temp Text:**

N/P

Lower Limits:**Upper Limits:****Extinguishing Media:**

NONFLAMMABLE

Fire Fighting Procedures:

N/A

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:

N1

NRC/State LIC No:**Net Prop WT For Ammo:**

N/A

Boiling Point:**B.P. Text:**

N/K

Melt/Freeze Pt:**M.P./F.P. Text:**

N/P

Decomp Temp:**Decomp Text:**

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

Nicosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

N/K

Appearance and Odor:

TAN, GRANULAR, DRY MIXTURE, ODORLESS.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:

MAY GENERATE SO₂ FUMES.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT.

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Information:

N/P

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