

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-132/1327-36-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1327-36-2

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
ALUMINUM SILICATE

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
ONLY IF IN NON-VENTILATED CLOSED ENVIRONMENT. THEN USE ORGANIC VAPOR CANISTER RESPIRATOR.

**Ventilation:**  
LOCAL: INDOORS, PROVIDE MECHANICAL EXHAUST VENT. SHOULD BE SUFF TO REMOVE ANY FUMES GENERATED.  
MECHANICAL: PREFERRED.

**Protective Gloves:**  
BUTYL RUBBER GLOVES WITH COTTON LINERS.

**Eye Protection:**  
GOGGLES, FACE SHIELD, SAFETY GLASSES.

**Other Protective Equipment:**  
Equipment RUBBER OR PLASTIC COVERALLS OR APRONS. DISPOSABLE PAPER BENCH COVERS AND MIXING CUPS ARE ADVISED.

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
\*WASTE DISPOSAL CONTRACTOR-DBP U-069.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
ACUTE: MAY CAUSE SEVERE IRRITATION. CHRONIC: MAY CAUSE SENSITIZATION.

**Explanation Of Carcinogenicity:**  
N/K

**Signs And Symptions Of Overexposure:**  
INGESTION: CAN CAUSE SEVERE GASTROINTESTINAL IRRITATION, BURNING, VOMITING & OTHER DISTURBANCES. EYE: MAY CAUSE IRRITATION & BURNS. SKIN: MAY CAUSE IRRITATION. INHALATION: NO KNOWN ADVERSE EFFECTS, BU T COULD CAUSE IRRITATION.

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING EYE, SKIN & RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**First Aid:**  
EYES: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER AND SEEK MEDICAL AID. SKIN: WASH OFF IMMEDIATELY WITH WATERLESS HAND CLEANER FOLLOWED BY SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTIO N: GIVE COPIOUS QUANTITIES OF WATER OR MILK AND SEEK MEDICAL AID. INDUCE VOMITING ONLY ON THE ADVICE OF A PHYSICIAN.

**Spill Release Procedures:**  
4 SCRAPE UP EXCESS (ABSORBENTS MAY BE USED). WASH RESIDUE WITH MIXTURE OF SOAP, WATER AND ISOPROPANOL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
KEEP IN SEALED CONTAINERS. DISPOSE OF IN CHEMICAL WASTE LANDFILL OR USE CONTROLLED INCINERATION. DISPOSAL IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGS. W/RESPECT TO HEALTH, WATER, LAND OR AIR POLLUTION . IF QUESTIONS, CONSULT CERTIFIED ENVIRONMENTAL \*

**Handling And Storage Precautions:**  
STORE IN COOL AREA IN CLOSED CONTAINERS AWAY FROM EXCESSIVE HEAT OR CONTAMINANTS. OPTIMUM STORAGE IS 65-80 F.

**Other Precautions:**  
FOR INDUSTRIAL USE ONLY. MAY CAUSE SKIN & EYE IRRITATION. AVOID CONTACT. IF CONTACT OCCURS: (SKIN) WASH IMMEDIATELY WITH WATERLESS CLEANER FOLLOWED BY SOAP & WATER. (EYES) FLUSH THOROUGHLY W/COPIOUS A MOUNTS WATER & SEEK MEDICAL AID.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
PMCC

**Flash Point:**

**Flash Point Text:**  
>230F,>110C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, FOAM, CO2 OR DRY CHEMICALS.

**Fire Fighting Procedures:**  
NONE

**Unusual Fire/Explosion Hazard:**  
NONE 5

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
<0.01 @25C

**Vapor Density:**  
N/A 6

**Volatile Org Content %:**

**Spec Gravity:**  
1.65

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

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

**Solubility in Water:**  
NONE

**Appearance and Odor:**  
WHITE VISCOUS LIQUID TO PASTE CONSISTENCY-MILD CHARACTERISTIC ODOR.

**Percent Volatiles by Volume:**  
<0.05

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXCESSIVE HEAT; MOISTURE CONTAMINANTS. CROSS CONTAMINANTS OF RESIN AND HARDENER AND VICE-VERSA.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
CO, ALDEHYDES, ACIDS; CARBONACEOUS PRODUCTS FORMED ON BURNING.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
EXCESSIVELY LARGE MASSES OF MIXED RESINS/AMINES. STRONG OXIDIZING AGENTS/BASES. NO PROBLEM UNDER NORMAL USE CONDITIONS.

## 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

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