

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-603/60304-36-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
60304-36-1

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
POTASSIUM ALUMINUM FLUORIDE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
2.5 MG/CUM

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
2.5 MG/CUM

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
IF >TLV DURING SANDING OR GRINDING, WEAR AN APPROVED NIOSH RESPIRATOR.

**Ventilation:**  
LOCAL EXHAUST: TO CONTROL EXPOSURE TO DUST/FUME. MECHANICAL: HOOD CONNECTED TO EXHAUST DUCT/APPROPRIATE DUST COLLECTOR.

**Protective Gloves:**  
RECOMMENDED

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment N/R

**Work Hygienic Practices:**  
ORDINARY WASHING & CLEANLINESS PRACTICES.

**Supplemental Safety and Health:**  
PRODUCT IS A CHEMICAL COMBINED INERT MINERAL.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: BREATHING DIFFICULTY, NASAL & RESPIRATORY IRRITATION, DAMAGE TO MUCOUS MEMBRANES, & COUGHING. INGESTION: GASTRIC PAIN, INTERNAL BLEEDING, TISSUE DAMAGE, DEATH, OSTEOCLOSIS, & MOTTLING OF TOOTH ENAMEL. SKIN: IRRITATION, DAMAGE, & ABRASION. EYES: IRRITATION & DAMAGE.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INHALATION: BREATHING DIFFICULTY, NASAL & RESPIRATORY IRRITATION, DAMAGE TO MUCOUS MEMBRANES, & COUGHING. INGESTION: GASTRIC PAIN, INTERNAL BLEEDING, TISSUE DAMAGE, DEATH, OSTEOCLOSIS, & MOTTLING OF TOOTH ENAMEL. SKIN: IRRITATION, DAMAGE, & ABRASION. EYES: IRRITATION & DAMAGE.

**Medical Cond Aggravated By Exposure:**  
PULMONARY, SKIN, OR EYE DISORDERS

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. EYES/SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ORDINARY PRECAUTIONS FOR DUSTS & PARTICULATES.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
IN COMPLIANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
OBSERVE ORDINARY PRECAUTIONS FOR DUSTS & PARTICULATES. AVOID CONTACT W/SKIN, EYES & AVOID SANDING OR GRINDING.

**Other Precautions:**  
N/K 3

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
WATER, CO2, OR OTHER APPROPRIATE MEDIA FOR CLASS A FIRES

**Fire Fighting Procedures:**  
N/R

**Unusual Fire/Explosion Hazard:**  
N/R

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R 4

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
1202-1832F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
N/R

**Appearance and Odor:**  
GRANULAR WHITE TO BLUISH GREY, ODORLESS.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
ELEVATED TEMPERATURES

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
VARIOUS FLUORIDE COMPOUNDS

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

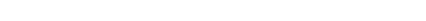
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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