

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-684/68476-25-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

68476-25-5

Code:

M

RTECS:**Code:**

X

Name:

POTASSIUM ALUMINUM SILICATE (FELDSPAR)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

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

2 MG/M3

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

7 USE NIOSH/MSHA APPROVED RESPIRATOR FOR WELDING FUMES OR SUPPLIED AIR RESPIRATOR IN CONFINED SPACES OR WHERE FUME CONCENTRATION EXCEEDS REGULATORY LIMITS.

Ventilation:

USE MECHANICAL OR LOCAL EXHAUST OR BOTH TO MAINTAIN LEVELS OF FUMES BELOW REGULATORY LIMITS.

Protective Gloves:

WELDERS WORK GLOVES

Eye Protection:

WELDERS HELMET WITH CORRECT LENSES

Other Protective Equipment:

Equipment CLOTHING TO PROTECT ENTIRE BODY FROM SPARKS.

Work Hygienic Practices:

WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

N/R

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: INHALATION OF WELDING FUMES MAY CAUSE NERVOUS SYSTEM AND MUSCLE IRREGULARITIES, IRRITATION OF EYES, NOSE, THROAT, AND RESPIRATORY SYSTEM, METAL FUME FEVER. CHRONIC: PROLONGED OR REPEATED INHALATION OF FUMES MAY CAUSE SIDEROSIS, FLUOROSIS AND AFFECT LUNG FUNCTION.

Explanation Of Carcinogenicity:

NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALATION: NAUSEA, DIZZINESS, DRYNESS OF NOSE AND THROAT, COUGHING, WHEEZING AND SHORTNESS OF BREATH. EYES: REDNESS, TEARING, BLURRED VISION.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED. EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR. 6

Spill Release Procedures:

PICK UP RODS. SWEEP UP OR MOP. PLACE RESIDUE IN A CONTAINER FOR DISPOSAL.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

REMOVE ANY COMBUSTIBLES FROM WORK AREA: SPARKS OR WELDING ARC COULD IGNITE NEARBY COMBUSTIBLES.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NOT APPLICABLE

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:

NON-FLAMMABLE; BUT SPARKS AND WELDING ARC MAY IGNITE COMBUSTIBLES DURING USE.

Physical/Chemical Properties

HCC:

N1

NRC/State LC No:

N/R

Net Prop WT For Ammo:**Boiling Point:****B.P. Text:**

UNKNOWN

Melt/Freeze Pt:**Melt/Freeze Pt:**

UNKNOWN

M.P./F.P. Text:

UNKNOWN

Decomp Temp:**Decomp Temp Text:**

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:**Spec Gravity:**

UNKNOWN 9

VOC Pounds/Gallon:**PH:**

N/K

VOC Grams/Liter:**Viscosity:**

N/R

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

INSOLUBLE

Appearance and Odor:

SOLID ROD

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

Decomp Temp:**Decomp Temp Text:**

UNKNOWN

Vapor Pres:

UNKNOWN

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