

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-712/71243-64-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

71243-64-6

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

ALKYD RESIN % low Wt: 20. Code: M % high Wt: 30.

**Other REC Limits:**

N/P

**OSHA PEL:**

N/P

**Code:**

N/P

**OSHA STEL:**

ACGIH TLV: N/P

**Code:**

3 OSHA STEL:

**ACGIH TLV:**

N/P

**Code:**

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NIOSH/MSHA APPROVED RESPIRATORS IN ACCORDANCE W/OSHA STANDARDS.

**Ventilation:**

DILUTION VENTILATION/LOCAL EXHAUST TO PREVENT BUILDUP OF VAPORS. USE EXPLOSION-PROOF EQUIPMENT. USE NON SPARKING EQUIPMENT.

**Protective Gloves:**

IMPERVIOUS/POLYVINYL CHLORINE, NITRILE/NEOPRENE

**Eye Protection:**

SAFETY GLASSES/GOGGLES/FACESHIELD

**Other Protective Equipment:**

Equipment IMPERVIOUS CLOTHING, APRON, BOOTS, EYE WASH, SAFETY SHOWER

**Work Hygienic Practices:**

WASH HANDS THOROUGHLY AFTER HANDLING, BEFORE EATING/SMOKING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISPOSE OF CONTAMINATED LEATHER ITEMS SUCH AS SHOES &BELTS.

**Supplemental Safety and Health:**

N/P

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

N/P

**IARC:**

N/P

**OSHA:**

N/P 3

**Health Hazards Acute And Chronic:**

INHALATION: IRRITATION OF RESPIRATORY TRACT/MUCOUS MEMBRANES. CNS DEPRESSION. ANESTHETIC EFFECTS. ALLERGIC RESPONSE. ASTHMATIC REACTION, CARDIAC ABNORMALITIES, BRONCHITIS, TREMORS, DAMAGE TO CNS, LUNG S, LIVER & KIDNEYS. NEUROTOXICITY PNEUMOCONIOSIS/DEATH. SKIN: IRRITATION/DERMATITIS. EYES: IRRITATION/CONJUNCTIVITIS. INGESTION: LUNG INFLAMMATION. DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS, MOUTH & THROAT. MAY CAUSE REPRODUCTIVE SYSTEM DAMAGE. PULMONARY EDEMA/CARDIAC FAILURE.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

IRRITATION, LOSS OF APPETITE, FATIGUE, DROWSINESS, DIZZINESS, LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, GI DISTURBANCES, ABDOMINAL PAIN, CHEST PAIN, BLURRED VISION, COUGHING, SNEEZING, DIFFICULTY W/SPEECH, RESPIRATORY PROBLEMS, INTOXICATION, METALLIC TASTE, CONFUSION, NARCOSIS, DIFFICULTY OF BREATHING, LOSS OF CONSCIOUSNESS, RESPIRATORY FAILURE, ASPHYXIATION, DEFATTING/BLISTERING OF SKIN, BLURRED VISION, TEARING OF EYES, REDNESS, INFLAMMATION, VOMITING, DIARRHEA, APAT

**Medical Cond Aggravated By Exposure:**

EYE, SKIN & RESPIRATORY DISORDERS, LUNG DISORDERS, ASTHMA-LIKE CONDITIONS.

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. RESTORE & SUPPORT CONTINUED BREATHING. HAVE TRAINED PERSON GIVE OXYGEN IF NEEDED. SKIN: FLUSH W/WATER, THEN WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH IMMEDIATELY W/LARGE AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA W/EXPLOSION PROOF EQUIPMENT. COLLECT W/ABSORBENT MATERIALS. USE NON-SPARKING TOOLS. EVACUATE ALL UNNECESSARY PERSONNEL. PLACE COLLECTED MATERIAL IN PROPER CONTAINER. LARGE: SHUT OFF LEAK SAFELY. DIKE/CONTAIN. PUMP TO STORAGE/SALVAGE VESSELS. PICK UP EXCESS RESIDUE W/ABSORBENT. KEEP MATERIAL & RINSE WATER OUT OF SEWERS & WATER COURSES.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

AVOID DISCHARGE TO NATURAL WATERS. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

STORE BELOW 80F. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME/FIRE. USE ONLY W/ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE. AVOID CONDITIONS WHICH RESULT IN FORMATION OF INHALED PARTICLES SUCH AS SPRAYING/ABRADING (SANDING) PAINTED SURFACES.

**Other Precautions:**

DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT W/SKIN & EYES & BREATHING OF VAPORS. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES. GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

## Fire and Explosion Hazard Information

**Flash Point Method:**

CC

**Flash Point:**

N/P

**Flash Point Text:**

54F

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A 4

**Lower Limits:**

N/P

**Upper Limits:**

N/P

**Extinguishing Media:**

DRY CHEMICAL, FOAM, WATER FOG, CO2

**Fire Fighting Procedures:**

WATER MAY BE USED TO COOL/PROTECT EXPOSED CONTAINERS. FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION & SELF CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

CLOSED CONTAINERS EXPLODE WHEN EXPOSED TO EXTREME HEAT/FIRE. VAPORS MAY IGNITE EXPLOSIVELY AT HIGH/AMBIENT TEMPS. VAPORS ARE AIR & MAY TRAVEL LONG DISTANCES TO IGNITION SOURCES & FLASHBACK. VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPS. MAY EMIT TOXIC GASES UNDER FIRE CONDITIONS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

240-527F

**Melt / Freeze Pt:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

N/P 5

**VOC Pounds/Gallon:**

8.82

**pH:**

N/K

**VOC Grams/Liter:**

456

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

N/K

**Appearance and Odor:**

MACHINE GRAY

**Percent Volatiles by Volume:**

59.10

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Sunlight/Elevated Temp:**

SPARKS, OPEN FLAME/FIRE, OTHER IGNITION SOURCES, TEMPERATURES >80F.

**Materials To Avoid:**

OXIDIZERS, ACIDS, BASES, AMINES, ALUMINUM, ZINC, PEROXIDES, NITRIC ACID, POTASSIUM PERMANGANATE, MAGNESIUM, MINERAL ACIDS, SODIUM, POTASSIUM, NITRATES.

**Hazardous Decomposition Products:**

CO, CO2, OXIDES OF NITROGEN, ACROLEIN, OXYGEN, ALDEHYDES, CHLORINE GASES.

**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

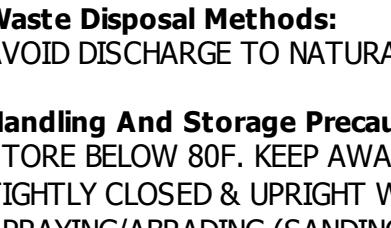
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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