

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-644/64475-85-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
64475-85-0  
**Code:**  
M

**RTECS:**  
PY8240000  
**Code:**  
M

**Name:**  
MINERAL SPIRITS

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
100PPM  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH APPRVD MECH RESPIRAT TO REMOV OVERSPRAY WHN SPRAYING IN OUTDR

**Ventilation:**  
LOCAL VENTILATION/EXHAUST TO REMOVE DECOMPOSITION BYPRODUCTS

**Protective Gloves:**  
SOLVENT RESIST.

**Eye Protection:**  
FACE SHIELD;SHIELDED SPEC

**Other Protective Equipment:**  
Equipment PROTECTV EQPMT TO PRVNT SKN CONTCT.SE OSHA,29 CFR 1910.1025 5

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
N/P

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P 3

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

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
PNEUMOCONIOSIS,PERMANENT NERVOUS SYSTEM DAMAGE,INTERNAL ORGAN DAMAGE.DELIBERATE INHALATION HARMFUL.

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
INGESTION:GET IMMEDIATE MEDICAL ATTENTION.INHALATION:REMOVE TO FRESH AIR.RESTORE BREATHING.KEEP WARM AND QUIET. CONSULT PHYSICIAN.EYES:15 MINUTE WATER FLUSH.CONSULT PHYSICIAN.SKIN:REMOVE CONTAMINATED C LOTHING.WASH SKIN WITH SOAP AND WATER.

**Spill Release Procedures:**  
REMOVE SOURCES OF IGNITION.CONTAIN WITH INERT MATERIAL.TRNSFER TO COVERED METAL CONTAINERS.PREVENT ENTRY TO DRAINS,SEWERS AND GROUND WATER,WEAR RESPIRATORS,EYE,SKIN PROTECTION.REMOVE LIQUID WITH INER T ABSORBENT AND NON-SPARKING TOOLS.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DO NOT INCINERATE CLOSED CONTAINERS.DISPOSE OF IN ACCORDANCE WITH EPA,LOCAL,STATE AND FEDERAL REGULATIONS FOR FLAMMABLE,HAZARDOUS WASTES.

**Handling And Storage Precautions:**  
DO NOT STORE ABOVE 120F.STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.CLOSE CONTAINER AFTER USE.DO NOT BREATHE FUMES,SANDING PARTICLES.

**Other Precautions:**  
4 DO NOT WELD,CUT OR BRAZE EMPTY CONTAINER.DO NOT CLEAN AND RE-USE CONTAINER.DO NOT USE PRESSURE TO EMPTY CONTAINER.GROUND AND BOND CONTAINER TO RECEIVING VESSEL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
80F,27C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**

**Upper Limits:**

**Extinguishing Media:**  
CARBON DIOXIDE,DRY CHEMICALS,ALCOHOL,POLYMER FOAMS.

**Fire Fighting Procedures:**  
SELF CONTAINED BREATHING APPAR.WATER FOG TO COOL CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
CONTAINER EXPLOSION HAZARD DUE TO EXTREME HEAT,EXPOSURE TO SOURCES OF IGNITION.

## Physical/Chemical Properties

**HCC:**  
F3

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
193F,89C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/P

**Vapor Density:**  
>AIR

**Volatile Org Content %:**

**Spec Gravity:**  
N/P

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
SLOWER THAN ETHER

**Solubility in Water:**  
N/P

**Appearance and Odor:**

**Percent Volatiles by Volume:**  
59

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXCESSIVE HEAT,SOURCES OF IGNITION.

**Materials To Avoid:**  
STRONG ACIDS,ALKALINES,OXIDIZERS. 6

**Hazardous Decomposition Products:**  
CO,CO\*2,SMOKE FROM IGNITION

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
DO NOT ADD DRIERS OR REACTIV CHEM W/O TECHN SUPERVISION.

## 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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