

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64742-51-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
64742-51-4

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
HYDROTREATED PARAFFIN WAX, PETROLEUM

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
2 MG/M3 FUMES

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
2 MG/M3 FUMES

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
IN SITUATION WHERE VAPOR CONCENTRATIONS/FUMES MAY EXCEED THE RECOMMENDED EXPOSURE LIMITS (2MG/M3 OR UNKNOWN), A NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED SUP PLIED-AIR RESPIRATOR FOR EMERGENCIES.

**Ventilation:**  
3 LOCAL EXHAUST WHEN USING PRODUCT IN MOLTEN STATE

**Protective Gloves:**  
HEAT AND OIL RESISTANT

**Eye Protection:**  
SAFETY GLASSES WITH SIDE SHIELDS

**Other Protective Equipment:**  
Equipment EYE WASH STATION

**Work Hygienic Practices:**  
DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

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

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS UNKNOWN

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE-EYE:MAY CAUSE IRRITATION.SKIN:IN MOLTEN STATE MAY CAUSE SEVERE BURNS .INHALE:FUMES/MIST MAY CAUSE RESPIRATORY PROBLEMS.ORAL:NONE KNOWN.CHRONIC-NONE KNOWN.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
MAY CAUSE EYE IRRITATION. IN MOLTEN STATE MAY CAUSE SEVERE SKIN BURNS. FUMES OR MIST MAY CAUSE RESPIRATORY PROBLEMS.

**Medical Cond Aggravated By Exposure:**  
2 NONE KNOWN.

**First Aid:**  
GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP & WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.ORAL:DO NOT IN DUCE VOMITING.CALL PHYSICIAN.

**Spill Release Procedures:**  
DIKE AREA TO CONTAIN PRODUCT SPILL. ALLOW TO COOL. SCRAPE MATERIAL UP AND PLACE IN CONTAINER FOR DISPOSAL.

**Neutralizing Agent:**  
NOT APPLICABLE

**Waste Disposal Methods:**  
PLACE CONTAMINATED MATERIALS IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

**Handling And Storage Precautions:**  
STORAGE-STORE IN COOL AREA AWAY FROM HEAT & IGNITION SOURCES.

**Other Precautions:**  
DO NOT GENERATE MISTS. AVOID BREATHING VAPORS OR MISTS. AVOID EYE OR SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
COC

**Flash Point:**

**Flash Point Text:**  
380F,193C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
V6

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
UNKNOWN

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
163F,73C

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
NEGLEGIBLE

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
0.75

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
TAN WAXY SOLID WITH BLAND PETROLEUM ODOR

**Percent Volatiles by Volume:**  
NIL

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT, FLAMES

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
CARBON MONOXIDE, CARBON DIOXIDE AND ZINC OXIDE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R 4

## 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