

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64742-43-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
64742-43-4

Code:
M

RTECS:

Code:
X

Name:
PARAFFIN WAX; FULLY REFINED.

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR OIL MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING T O RESPIRATOR USE.

Ventilation:
NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF NEEDED (VAPORS FROM HEATING).

Protective Gloves:
4 HEAT RESISTANT

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment WEAR CLOTHING AND EQUIPMENT NECESSARY TO PROTECT FROM SPLASHES WHEN HANDLING MOLTEN WAX

Work Hygienic Practices:
USE GOOD INDUSTRIAL HYGIENE PRACTICE. MINIMIZE PERSONAL CONTACT.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
NOT ESTABLISHED

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
THIS WAX IS NON-TOXIC AND ITS MOST LIKELY HAZARD IS THERMAL BURNS OCCURRING WHEN MOLTEN WAX IS SPILLED ON THE SKIN, OR WHEN VAPORS OF OVERHEATED WAX ARE INHALED.

Explanation Of Carcinogenicity:
THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Signs And Symptions Of Overexposure:
THERMAL BURNS FROM CONTACT WITH MOLTEN WAX. RESPIRATORY IRRITATION, COUGHING FROM INHALING VAPOR FROM OVERHEATING.

Medical Cond Aggravated By Exposure:
NONE REPORTED

First Aid:
CONTACT WITH MOLTEN WAX:IMMEDIATELY COOL WITH WATER. REMOVE BY DISSOLVING WITH VEGETABLE OR MINERAL OIL. DO NOT PEEL OFF. SEE DOCTOR. INHALATION:REMOVE FROM EXPOSURE, AND TREAT SYMPTOMATICALLY. INGEST ION: CONSULT PHYSICIAN.

Spill Release Procedures:
SPILLED LIQUID:KEEP OUT OF DRAINS, SEWERS, AND WATERWAYS. COOL TO SOLIDIFY AND SCRAPE OR SCOOP INTO CONTAINERS FOR RECYCLE OR DISPOSAL. SOLID:SWEEP OR PICK UP.

Neutralizing Agent:
NONE

Waste Disposal Methods:
DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. 3

Handling And Storage Precautions:
DO NOT HEAT ABOVE FLASHPOINT. DO NOT HEAT WITH OPEN FLAME OR OPEN ELECTRICAL COIL.

Other Precautions:
AVOID CONTAMINATION BY USING CLOSED CONTAINERS. FIRE EXTINGUISHERS SHOULD BE READILY AVAILABLE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
>400F,>204C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE WATER.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
SOLID

Melt/Freeze Pt:

M.P/F.P Text:
137F,58C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
0.82

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
NEGLEGIBLE 5

Appearance and Odor:
WHITE WAXY SOLID. NEARLY ODORLESS

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES, OPEN FLAMES, OTHER IGNITION SOURCES.

Materials To Avoid:
STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
CARBON DIOXIDE,CARBON MONOXIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. WILL NOT OCCUR.

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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