



### MSDS OF PARAFFIN WAX

#### Product Identification

Product ID: #58 FULLY REFINED PARAFFIN WAX  
MSDS Date: 03/11/2015  
FSC: 9160

Composition/Information on  
Ingredients Ingre Name: #58 FULLY REFINED  
PARAFFIN WAX

CAS: 64742514

Fraction by Wt

:<100%

Other REC Limits: NONE SPECIFIED

Composition/Information on Ingredients  
Ingre Name: HYDROTREATED AND/OR CLAY-TREATED FULLY REFINED  
PARAFFIN WAX

AS: 64742-51-4

Fraction by Wt:<100%

Other REC Limits: NONE SPECIFIED

#### Hazards Identification

**1. Routes of Entry;** Inhalation: YES Skin: NO Ingestion: NO

**Reports of Carcinogenicity:** NTP:

**2. NO** IARC: NO OSHA: NO

**3. Health Hazards Acute and Chronic:** THE PARAFFIN WAX IS NON-TOXIC AND IT'S

MOST LIKELY HAZARD IS THERMAL BURNS OCCURRING WHEN MOLTEN WAX IS  
SPILLED ON THE SKIN, OR WHEN VAPERS OF OVERHEATED WAX ARE INHALED.



**4. Explanation of Carcinogenicity:** THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA ASA CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

**5. Effects of Overexposure:** THERMAL BURNS FROM CONTACT WITH MOLTEN WAX. RESPIRATORY IRRITATION, COUGHING FROM INHALING VAPOR FROM OVERHEATING.

**6. Medical Cond Aggravated by Exposure:** NONE REPORTED.

=====: First Aid Measures=====:

7. First Aid: CONTACT WITH MOLTEN WAX: IMMEDIATELY COOL WITH WATER.REMOVE BY DISSOLVING WITH CEGETABLE OR MINERAL OIL.DO NOT PEEL OFF.SEE DOCTER.INHALATION: REMOVE FROM EXPOSURE, AND TREAT SYMPTOMATICALLY.INGESTION: CONSULT PHYSICAN.

=====: Fire Fighting Measures =====:

8. Flash Point :> 400F,>204C

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

10.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.

11. Unusual Fire/Explosion Hazard: FIREOR EXCESSIVE HEAT MAY CAUSE A HAZARDOUS DECOMPOSITION OF PRODUCTS.

=====: Accidental Release Measures =====:

12. 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.

13.Neutralizing Agent: NONE

14. 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.

===== Exposure Controls/Personal Protection =====

15. 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 CFE 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

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

17.Protective Gloves: HEAT RESISTANT

Eye Protection: SAFETY GLASSES

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

Work Hygienic Practices: USE GOOD INDUSTRIAL HYGIENE PRACTICE.MINIMIZEPERSONAL CONTACT.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER

Physical/Chemical Properties  
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HCC: NI

Boiling Pt: B.P. Text: SOLID

Melt/Freeze Pt: M.P/F.P Text:137F,54°C

Spec Gravity: 0.82

Solubility in Water: NEGLIGIBLE



Appearance and Odor: WHITE WAXY SOLID.NEARLY ODORLESS

Stability and Reactivity Data  
 =====: =====:

19. Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE

=====: Disposal Considerations=====:

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

=====:Transport Information =====:

21. Transport Information

(25°C)(1/10mm)NOT MORE THAN 14.

State: SOLID, IN ROOM TEMPERATURE, BONDING, NO SWEAT, NO GREASY FEELING,  
 WATERPROOF, MOISTURE-PROOF AND GOOD INSULATION, NO SMELL.

Chemical Composition: MAINLY ALKANES,COMPONRNT C22H46~C34H70,THE CARBON ATOM NUMBER RANG 13.MELTING POINT:54°C.BONDING TEMPERATURE:41.9°C. MELTING AND BONDING TEMPERATURE DIFFERENCE 16.1 °C .POLYCYCLIC AROMATIC HYDROCARBON CONTENT IS LOW.

PRIMARY HAZARD CLASS: NON DANGEROUS GOODS.

Quality Standard: GB/T446-2010 NATIONAL STANDARD.

Label: WITHOUT WATER SOLUBLE ACID OR ALKALI.WITHOUT MECHANICAL IMPURITY AND MOISTURE.

Exposure Limit: CHINESE MAC: NOT DEVELOPED.THE SOVIET UNION MAC: NOT DEVELOPED.THE UNITED STATES THL-TWA: 2mg/m3 (SMOKE) THE UNITED STATES TLV-STEL: SET THE STANDARDS FOR.

Toxicity: NO



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Taboo: STRONG OXIDIZING.

Special Shipping Notes: STORAGE SHOULD BE GOOD VENTILATION,  
TEMPERATURE, NO SUNLIGHT.

STORAGE AND TRANSPORTATION OF PARAFFIN SHOULD STAY AWAY FROM FIRE  
SOURCE, AND PAY ATTENTION TO PACKAGING NOT DAMAGED, SO AS TO AVOID  
THE MAGAZINE INTO THE GOODS.

HEATING TEMPERTURE SHOULD NOT BE TOO HIGH, SO AS TO AVOID  
OXIDATION.

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