

Honeywell

Material Safety Data Sheet

Paraffin Wax

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OK6863

OTHER/GENERIC NAMES: Paraffin Wax

PRODUCT USE: Multiple uses.

MANUFACTURER: Honeywell International
Specialty Wax & Additives
101 Columbia Rd., P.O. Box 1053
Morristown, NJ 07962-1053

FOR MORE INFORMATION CALL:
(Monday-Friday, 9:00am-4:30pm)
800-707-4555

IN CASE OF EMERGENCY CALL:
(24 Hours/Day, 7 Days/Week)
800-707-4555

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS #</u>	<u>WEIGHT %</u>
Paraffin wax	8002-74-2	100

Trace impurities and additional material names not listed above may also appear in the Regulatory Information section (#15) towards the end of the MSDS. These materials may be listed for local "Right to Know" compliance and for other reasons.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: The product is a white to amber waxy solid in prill, pellet, or slab form. Exposure to fumes from melting operations may cause irritation. Contact with molten material will cause thermal burns. No other significant immediate health, physical or environmental hazards are associated with these materials.

POTENTIAL HEALTH HAZARDS:

SKIN: Prolonged or repeated contact may cause irritation. Contact with molten material will cause thermal burns.

EYES: Contact with powder may cause mechanical irritation. Exposure to fumes may cause irritation.

INHALATION: Powder or fumes may cause irritation.

INGESTION: Not expected to occur.

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DELAYED EFFECTS: None known.

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

Ingredient Name	NTP Status	IARC Status	OSHA List
* No ingredients listed in this section *			

4. FIRST AID MEASURES

SKIN: Wash thoroughly with water and soap; if irritation develops, contact a physician. In case of contact with molten material, submerge injured area in cold water. Do not attempt to remove material adhering to the skin. Get immediate medical attention.

EYE: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation occurs.

INHALATION: For inhalation of powder or vapors, remove to fresh air. If breathing is difficult, get medical attention.

INGESTION: If ingest occurs, consult a physician.

ADVICE TO PHYSICIAN: No specific advice. Treat according to symptoms present. Burns from molten material can be treated as normal thermal burns.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT:	> 380°F (> 193°C)
FLASH POINT METHOD:	Open cup.
AUTOIGNITION TEMPERATURE:	Not known.
UPPER FLAME LIMIT (Volume % in air):	Not applicable.
LOWER FLAME LIMIT (Volume % in air):	Not applicable.
FLAME PROPAGATION RATE (Solids):	Unknown.
OSHA FLAMMABILITY CLASS:	Not applicable.

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Melts in proximity to fires causing slippery floors and stairs. Material does not ignite readily, but will burn. Fire may produce dense smoke and irritating or poisonous gases. Run-off from fire control may cause pollution.

SPECIAL FIREFIGHTING PRECAUTIONS/INSTRUCTIONS:

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Wear self-contained breathing apparatus approved by NIOSH and protective clothing. Watch footing on floors and stairs because of possible spreading of molten material. Use water spray to keep containers cool.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASES: (Always wear recommended personal protective equipment.)
Sweep up spilled material, place it in container and dispose as is described in Section 13.

Spills and releases may have to be reported to Federal and/or local authorities. See the Regulatory Information section (#15) regarding reporting requirements.

7. HANDLING AND STORAGE

NORMAL HANDLING: (Always wear recommended personal protective equipment.)

Avoid spillage that can cause slippery conditions. Use good personal hygiene and housekeeping. Avoid breathing fumes from heating operations.

STORAGE RECOMMENDATIONS:

Avoid excessive heat. Do not store near strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use adequate ventilation when handling molten material. For storage and ordinary handling, general ventilation is satisfactory.

PERSONAL PROTECTIVE EQUIPMENT:

SKIN PROTECTION:

Use chemical-resistant gloves for prolonged or repeated exposure; insulated gloves with long sleeves for handling molten material.

EYE PROTECTION:

Use chemical goggles around molten material.

RESPIRATORY PROTECTION:

Use a NIOSH approved vapor respirator around molten material if ventilation is not adequate.

ADDITIONAL RECOMMENDATIONS:

Not generally required.

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EXPOSURE GUIDELINES: (Guidelines exist for the following ingredients)

Ingredient Name	ACGIH TLV	OSHA PEL	Other Limit
Paraffin wax fume	2 mg/m ³	2 mg/m ³ (NIOSH)	

- * = Limit established by Honeywell International
- ** = Workplace Environmental Exposure Level (AIHA)
- *** = Biological Exposure Index

Other exposure limits for the decomposition products normally associated with product use are as follows: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White
PHYSICAL STATE:	Slabs, pellets
ODOR:	Characteristic waxy odor.
SPECIFIC GRAVITY:	(Water = 1.0) 0.87-0.92
SOLUBILITY IN WATER:	(Weight %) Negligible
pH:	Not applicable.
BOILING POINT:	Not applicable.
MELTING POINT:	54.4-56.1 °C (130-133 °F)
VAPOR PRESSURE:	Negligible.
VAPOR DENSITY:	(Air = 1.0) Not applicable.
EVAPORATION RATE:	Not applicable. Compared to: Not applicable.
% VOLATILES:	Not applicable.
FLASH POINT:	> 380 °F (> 193 °C)

(Flash point method and additional flammability data are found in Section 5.)

10. STABILITY AND REACTIVITY

NORMALLY STABLE? (Conditions to Avoid)

Stable at normal conditions.

INCOMPATIBILITIES:

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Depending on conditions of fire, CO, CO₂, and other hazardous gases may be generated.

HAZARDOUS POLYMERIZATION?

Will not occur.

11. TOXICOLOGICAL INFORMATION

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IMMEDIATE (ACUTE) EFFECTS:

Literature data : Eye-Standard Draize test ; 100 mg/24 hr (rabbits) : mild reaction

Skin-Standard Draize test : 500 mg/24 hr (rabbits) : mild reaction

DELAYED (SUBCHRONIC & CHRONIC) EFFECTS:

No adverse effects reported .

OTHER DATA:

Paraffin was not active in the Ames Salmonella microsome assay for mutagenic activity (lit.ref.).

12. ECOLOGICAL INFORMATION

No data have been developed on this subject. This product is not soluble in water.

13. DISPOSAL CONSIDERATIONS

RCRA:

Is the unused product a RCRA hazardous waste if discarded? No.

If yes, the RCRA ID number is:

OTHER DISPOSAL CONSIDERATIONS: Dispose in accordance with local, state and federal regulations as a non-hazardous organic solid waste.

The information offered here is for the product as shipped. Use and/or alteration to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT PROPER SHIPPING NAME: Not regulated

US DOT HAZARD CLASS: Not applicable

For additional information on shipping regulations affecting this material, contact the information number found on the first page.

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA):

TSCA INVENTORY STATUS: Product is listed on the TSCA Chemical Inventory .

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