

SAFETY DATA SHEET

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union Reach Regulation, Directives 67/548/EC & 1999/45/EC and CLP Regulation 1272/2008/EC

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): **1000P Hi-Low Paste Wax**
PRODUCT CODE: FK-1000P
PRODUCT USE: Wax
U.N. NUMBER: UN1325
U.N. DANGEROUS GOODS CLASS: Flammable solid, organic, n.o.s., (Contains Solvent Naphtha)
Class 4.1, PGII

MANUFACTURER'S
NAME: ADDRESS: **Raw Material Suppliers**
BUSINESS PHONE: 1619 S Rancho Santa Fe Rd, Ste E
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FAX#: 877-RTV-MOLD (788-6355)
EMERGENCY PHONE: support@rawmaterialsuppliers.com
Emergency Hotline: 800-255-3924
July 16, 2015

DATE OF PREPARATION:
DATE OF LAST REVISION:

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Product Description: This product is a yellow solid paste wax with a hydrocarbon odor.
Health Hazards: Harmful if swallowed, aspiration hazard.
Flammability Hazards: Solid with a flash point of 98°F (36.66°C)
Reactivity Hazards: None known.
Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.
Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

EU LABELING AND CLASSIFICATION:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION PER DIRECTIVE 1272/2008/EC:

Index Number:

EC# 265-191-7 Annex VI Index #: 649-405-00-X

EC# 265-199-0 Annex VI Index #: 649-356-00-4

EC# 202-436-9 Annex VI Index #: 601-043-00-3

EC# 203-604-4 Annex VI Index #: 601-025-00-5

EC# 202-704-5 Annex VI Index #: 601-024-00-X

EC# 215-535-7 Annex VI Index #: 601-022-00-9

Substances not listed either individually or in group entries must be self classified.

Component(s) Determining Hazards:

All Ingredients

GHS Classifications:

Flammable Solid Category 2

Aspiration Hazard Category 1

Skin Irritant Category 2

Eye Irritant Category 2

Acute Toxicity Category 4 (Inhalation)

Germ Cell Mutagenicity Category 1

Carcinogenicity Category 1

STOT RE Category 1 (CNS)

Aquatic Chronic 3

Signal Word: Danger!

Hazard Symbol:



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Hazard Statement:

H228: Flammable solid
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H319: Causes serious eye irritation
H332: Harmful if inhaled
H340: May cause genetic defects
H350: May cause cancer
H372: Causes damage to organs through prolonged or repeated exposure
H412: Harmful to aquatic life with long lasting effects

Prevention Statement:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P240: Ground/Bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P271: Use only outdoors or in a well-ventilated area.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.

Response Statement:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention
P308+P313: IF exposed or concerned: Get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.
P391: Collect spillage.

Storage Statement:

P405: Store locked up.

Disposal Statement:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of exposure for this product are by inhalation, skin contact, eye contact or ingestion.

ACUTE:

INHALATION: None anticipated under normal conditions.

CONTACT WITH SKIN: Repeated or prolonged contact may cause skin irritation.

EYE CONTACT: Contact may cause irritation to the eyes, resulting in redness or watering.

INGESTION: Aspiration hazard, may cause lung damage. Ingestion may cause gastrointestinal irritation with nausea and diarrhea.














CHRONIC: None known

TARGET ORGANS: **Acute:** Eyes, Skin, Respiratory System

Chronic: None Known

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3. COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	AMOUNT	HAZARD SYMBOLS	HAZARD CLASSIFICATION
Solvent Naphtha - medium & Heavy aliphatic	64742-88-7/ 64742-96-7	265-191-7/ 265-200-4	5 - 65%		ASP. TOX. CAT 1, STOT RE 1
Solvent Naphtha - light	64742-95-6	265-199-0	<3.55%		ASP TOX 1, MUTA 1B, CARC 1B
1,2,4-trimethylbenzene	95-63-6	202-436-9	<2.84%	  	FLAM LIQ 3, SKIN IRRIT 2, EYE IRRIT 2, ACUTE TOX 4 (INHALATION), STOT SE3 (RESP), AQUATIC CHRONIC 3
Mesitylene	108-67-8	203-604-4	<0.71%	  	FLAM LIQ 3, STOT SE3 (RESP), AQUATIC CHRONIC 2
Cumene	98-82-8	202-704-5	<0.36%	  	FLAM LIQ 3, ASP TOX 1, STOT SE 3, AQUATIC CHRONIC 2
Xylene	1330-20-7	215-535-7	<0.36%	 	FLAM LIQ 3, ACUTE TOX 4 (DERMAL, INHALATION), SKIN IRRIT 2
Each of the other components is present in less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Regulation 1272/2008 and the Japanese Industrial Standard JIS Z 7250: 2000.

4. FIRST-AID MEASURES

EYE CONTACT: If chemical contacts the eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. Remove contact lenses, if worn. Seek medical attention.

SKIN CONTACT: Wash contacted area with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops and persists.

INHALATION: If chemical is inhaled, or breathing is difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

If chemical is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Victims of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of the label and MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, eye problems, and impaired respiratory function may be more susceptible to the effects of the substance.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

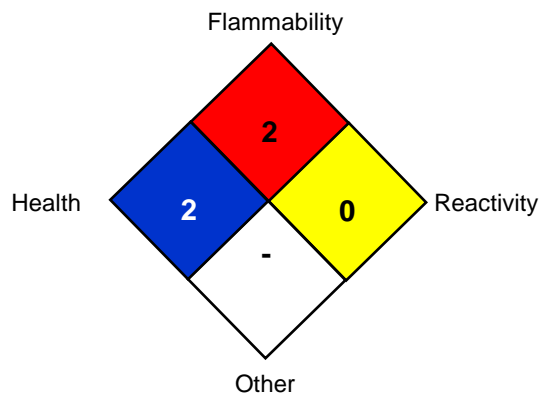


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5. FIRE-FIGHTING MEASURES

FLASH POINT: 98°F (36.66°C)
AUTOIGNITION TEMPERATURE: Not Available
FLAMMABLE LIMITS (in air by volume, %): Lower 1 Upper 7
FIRE EXTINGUISHING MATERIALS: Dry chemical, Foam, Carbon Dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known
Explosion Sensitivity to Mechanical Impact: Not Sensitive
Explosion Sensitivity to Static Discharge: Not Sensitive
SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Proper protective equipment should be used.

SPILLS: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Dispose of in accordance with applicable Federal, State, and local regulatory procedures (see Section 13, Disposal Considerations).

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product.

STORAGE AND HANDLING PRACTICES: Protect from physical damage.

SPECIFIC USES: Mold release agent.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Component Name	CAS#	ACGIH-TLVs	OSHA PELs	NIOSH-TLV's	Other
Solvent naphtha (petroleum), medium & Heavy aliphatics	64742-88-7 /64742-96-7	100 ppm	100 ppm	100 ppm	100 ppm
Solvent Naphtha-light	64742-95-6	100 ppm	100 ppm	100 ppm	100 ppm
1,2,4-trimethylbenzene	95-63-6	25 ppm	Not Listed	25 ppm 125 mg/m ³	Not Listed
Mesitylene	108-67-8	None Listed	None Listed	None Listed	Not Listed
Cumene	98-82-8	50 ppm 245 mg/m ³	50 ppm 245 mg/m ³	50 ppm 245 mg/m ³	Not Listed
Xylene	1330-20-7	100 ppm	100 ppm	100 ppm	Not Listed

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VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the established limits.

Currently, International exposure limits are not established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not normally required with this product. If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Splash goggles or safety glasses with side shields required to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible protective gloves required. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate for task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE, ODOR and COLOR: This product is a yellow paste wax.

ODOR: Hydrocarbon odor.

BOILING POINT: 318°F- 390°F (159°C - 198°C)

FLASH POINT: 98°F (36.66°C)

EVAPORATION RATE (n-BuAc=1): 0.13

VAPOR PRESSURE: 0.71 kPa

VAPOR DENSITY: 4.1

SPECIFIC GRAVITY: 0.749

SOLUBILITY IN WATER: Insoluble

WEIGHT PER GALLON: 6.25 lbs

CALCULATED VOC: 3.98 lbs/gal (477.5 g/l)

10. STABILITY and REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage

DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizing agents.

HAZARDOUS DEPOLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Sparks, flames, contact with incompatibles.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:

1,2,4-trimethylbenzene	95-63-6	LC50 Inhalation – Rat	2900 ppm
Cumene	98-82-8	LD50 Oral – Rat	2,260 mg/kg
Xylene	1330-20-7	LD50 Oral – Rat	2,100 mg/kg

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SUSPECTED CANCER AGENT: Components of this product are listed by agencies tracking the carcinogenic potential of chemical compounds:

- Naphtha CAS# 8030-30-6 (contains Benzene)
- IARC: 1 - Group 1: Carcinogenic to humans (Benzene)
- NTP: Known to be human carcinogen (Benzene)
- Cumene CAS# 98-82-8
- IARC: 2B - Group 2B: Possibly Carcinogenic to humans (Cumene)

IRRITANCY OF PRODUCT: This product may be irritating to eyes and skin.

SENSITIZATION TO THE PRODUCT: None known

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: Components of this product are reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans.

Reproductive Toxicity: The components of this product are reported to produce reproductive effects in humans.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY:

1,2,4-trimethylbenzene	95-63-6	LC50 – 7.72 mg/l – 96h	Fathead minnow
Cumene	98-82-8	LC50 – 4.8 mg/l – 96h	Rainbow trout
Mesitylene	108-67-8	LC50 – 12.52 mg/l – 96h	Goldfish

MOBILITY IN SOIL: No Data

PERSISTENCE/DEGRADABILITY: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

ENVIRONMENTAL STABILITY: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

BIOACCUMULATION/ACCUMULATION: These products have not been tested for bio-accumulation potential.

WATER ENDANGERMENT CLASS: Not Established

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

EU Waste Code: Not Listed

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMDG:

DOT (Department of Transportation): UN1325, Flammable Solid, n.o.s. (contains Solvent Naphtha), Class 4.1, Packing Group II

Special Notes: Components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

IATA (International Air Transport Association): UN1325, Flammable Solid, n.o.s. (contains Solvent Naphtha), Class 4.1, Packing Group II Flash Point: 98°F (36.66°C)

IMDG (International Maritime Dangerous Goods): UN1325, Flammable Solid, n.o.s. (contains Solvent Naphtha), Class 4.1, Packing Group II

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15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS

The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

SECTION 302 (RQ): None

SECTION 302 (TPQ): None

SECTION 313: 1,2,4-trimethylbenzene CAS# 95-63-6, Cumene CAS# 98-82-8, Xylene CAS# 1330-20-7

TSCA

All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312: Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No

U.S. CERCLA REPORTABLE QUANTITY (RQ): Cumene CAS# 98-82-8 5,000 lbs
Xylene CAS# 1330-20-7 100 lbs

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does contain a component above the 0.1% level which is listed as a California Proposition 65 chemical.

Cumene CAS# 98-82-8

Naptha CAS# 64742-95-6 (contains Benzene)

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product has been classified per WHMIS 2015 standards

EU HAZARD INFORMATION:

See section 2 for details

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS or exempt.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftliste List of Toxic Substances: Listed

U.S. TSCA: Listed

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16. OTHER INFORMATION

PREPARED BY: Chris Eigbrett

MSDS to GHS Compliance

DATE: July 16, 2015

All chemicals may pose unknown hazards and should be used with cautions. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Raw Material Suppliers assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

ABBREVIATIONS AND ACRONYMS:

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

End of SDS Sheet