

311

MATERIAL SAFETY DATA SHEET

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0340596-001

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PRODUCT CODE: FK5136- HMIS 331 DESCRIPTION: FREWAX REVISION NBR: 03 07/17/90

* N.A. = NOT APPLICABLE N.E. = NOT ESTABLISHED

SECTION I - NOMENCLATURE

CHEMICAL NAME AND SYNONYMS
Proprietary Blend

TRADE NAME AND SYNONYMS
FREKOTE FREWAX

CHEMICAL FAMILY
Polymeric Resin/Wax Blend

FORMULA
Proprietary

SECTION II - HAZARDOUS INGREDIENTS & SECTION 313 SUPPLIER NOTIFICATION

If a hazardous ingredient is identified as being a toxic chemical via hazard code "A", that chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40CFR372.

HAZARD CODES(HAZD):
C=Carcinogen (OSHA, NTP, IARC)
H=Hazardous(OSHA)
P=California Prop 65(carcinogen)
A=Superfund amendments and reauthorization act(SARA)

HAZARDOUS MATERIAL	% by Wt.	TLV MEAS.	PEL MEAS.	CAS NBR	HAZD
Aliphatic Hydrocarbon (Boiling 285-335 F)	49-52	200 ppm*	400 ppm	64742-89-8	H
Aliphatic hydrocarbon (Boiling 309-350 F)	43-47	100 ppm*	400 ppm*	64742-48-9	H
Proprietary Blend	<7	NE	NE	-----	H

*As recommended by the Manufacturer.

SECTION III - PHYSICAL DATA

BOILING PT (DEG. F) >285 >140 C SPECIFIC GRAVITY (H2O=1) 0.760 +- 0.02
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SECTION III - PHYSICAL DATA

FK5136 CONTINUED...

VAPOR PRESSURE (MM HG) 3.50 @ 68F PCT VOLATILE BY VOL >93
PCT VOLATILE BY WEIGHT 720 g/l EVAPORATION RATE 0.25
of material (n-Butyl Acetate =1)
SOLUBILITY IN WATER <1% by wt. VAPOR DENSITY (AIR=1) 4.60
APPEARANCE AND ODOR-
White suspension in solvent, mild hydrocarbon odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (DEG. F) 82.0 METHOD USED PMCC
28.0 C
LOWER EXPLO. LEVEL NE UPPER EXPLO. LEVEL NE
AUTOIGNITION TEMPERATURE- NE
EXTINGUISHING MEDIA-
Powder or foam recommended
SPECIAL FIRE FIGHTING PROCEDURES-
Self-contained breathing apparatus and protective clothing should be
worn in fighting fires involving chemicals
UNUSUAL FIRE AND EXPLOSION HAZARDS-
None

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE-
SEE SECTION II

EFFECTS OF OVEREXPOSURE-
Can cause eye irritation. Prolonged or repeated contact may cause skin
irritation. Can be irritating to the respiratory system. Excessive
exposure may cause dizziness, nausea, headaches, and other central
nervous system effects. Can cause gastrointestinal irritation, nausea,
vomiting or diarrhea.

EMERGENCY AND FIRST AID PROCEDURES-

EYES: Flush with water for 15 minutes while holding eyelids open. Seek
medical attention.
SKIN: Flush affected area with water immediately. Remove contaminated
clothing. Wash skin thoroughly with soap and water.
INHALATION: Remove to fresh air. Call physician. If not breathing, give
mouth-to-mouth resuscitation. If breathing is difficult,
give oxygen.
INGESTION: DO NOT induce vomiting. Call physician.

SECTION VI - REACTIVITY DATA

STABILITY Stable

CONDITIONS TO AVOID-
None

INCOMPATIBILITY (MATERIALS TO AVOID)-
Oxidizing materials can cause a reaction
may cause a loss of product performance

HAZARDOUS DECOMPOSITION PRODUCTS-
Carbon dioxide/monoxide and incompletely burned carbon products

HAZARDOUS POLYMERIZATION-
Will not occur

CONDITIONS TO AVOID-
Excessive exposure to moisture will cause a slow reaction to occur and
may cause a loss of product performance

SECTION VII - SPILL OR LEAK PROCEDURES

SECTION VII - SPILL OR LEAK PROCEDURES

FK5136 CONTINUED...

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-
Clear area. Provide adequate ventilation. Collect with absorbent and prevent run-off. Remove all potential ignition sources. Use appropriate protective equipment.

WASTE DISPOSAL METHOD-
Dispose of according to Federal, State and local laws.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)-
If use conditions generate airborne contamination, use NIOSH recommended respirators appropriate for the airborne levels generated.

VENTILATION-
As required to control airborne contamination.

PROTECTIVE GLOVES-
Solvent resistant

EYE PROTECTION-
Chemical splash goggles

OTHER PROTECTIVE EQUIPMENT-
Use impervious clothing if necessary to avoid skin contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING-
Avoid open flames and sparks. Use with adequate ventilation. Storage should be in compliance with NFPA and OSHA 29CFR1910 .106 and .107.

OTHER PRECAUTIONS-
Avoid contact with skin and breathing of vapors.

*TSCA: All the components contained in this product comply with *
* applicable requirements pertaining to the US EPA TSCA inventory *
* under 40CFR Part 710 and 720. *

The information and recommendations contained herein are based upon data
believed to be correct. However, since much of the information has been
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