

ROGER A. REED, INC.
MATERIAL SAFETY DATA SHEET

MATERIAL/TRADE NAME: 22065 Emulsion
EMERGENCY TELEPHONE NO: (781) 944-4640

HMS HAZARD RATING

HEALTH: 1 **FIRE:** 0 **REACTIVITY:** 0 **PERSONAL PROTECTION:** 1
HAZARD RATING KEY: LEAST 0 SLIGHT: 1 MODERATE: 2 HIGH: 3 EXTREME: 4
CARCINOGEN STATUS: None
TRANSPORTATION REQUIREMENTS: Not hazardous by D.O.T. regulations.

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SECTION I - GENERAL INFORMATION
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MANUFACTURER'S NAME: Roger A. Reed, Inc.
ADDRESS: 167 Pleasant Street, P.O. Box 508, Reading, MA 01867-0690
CHEMICAL NAME AND SYNONYMS: Water/wax emulsion.
TRADE NAME AND SYNONYMS: 22065
CHEMICAL FAMILY: Anionic emulsion of hydrocarbon wax.
FORMULA: Proprietary
CAS NUMBER: NA

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SECTION II - HAZARDOUS INGREDIENTS
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MATERIAL	CAS#	%	Exposure Limits
Morpholine	110-91-8	<7%	20 ppm TWA-OSHA (SKIN) 30 ppm STEL-OSHA 20 ppm TWA-ACGIH (SKIN)

Only those ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Any ingredient marked with an asterisk (*) is also listed in 29 CFR 1910.1200 (d) #4 as a known or suspected carcinogen. Hazardous materials are reported when present at 1% or greater, carcinogens are reported when present at 0.1% or greater.

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SECTION III - PHYSICAL DATA
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BOILING POINT: 212 °F
MELTING POINT: NA-Liquid
VAPOR PRESSURE (MM HG): NA
PERCENT VOLATILE BY WEIGHT (%): 70 - 75 %
SPECIFIC GRAVITY (water = 1): 0.95 - 0.99
EVAPORATION RATE USING: NA
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: Milky tan liquid (unless colored) with slight ammonia like odor.

VAPOR DENSITY (air = 1): NA
BEING EQUAL TO RATE OF 1: NA

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD USED): > 375°F of solids (COC)

EXTINGUISHED MEDIA: Only for solids. Foam, no water.

SPECIAL FIRE FIGHTING PROCEDURES: None needed.

UNUSUAL FIRE FIGHTING PROCEDURES: None.

SECTION Va - HEALTH INFORMATION

EYE CONTACT: Emulsion/fumes may be slightly irritating to the eyes.

SKIN CONTACT: May cause slight irritation on contact with skin.

INHALATION: Emulsion fumes may cause mild (upper) respiratory irritations.

INGESTION: No specific information identified.

SIGNS AND SYMPTOMS OF EXPOSURE: Irritations as noted above.

OTHER MEDICAL EFFECTS: None

SECTION Vb - OCCUPATIONAL EXPOSURE LIMITS

OSHA
PEL/TWA PEL/CEILING

ACGIH
TLV/TWA TLV/STEL

Refer to SECTION II

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SECTION Vc - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove victim to fresh air. Seek medical attention.

INGESTION: Consult medical attention.

NOTE TO PHYSICIAN: Refer to SECTION II for hazardous ingredients.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (materials to avoid): Addition of acids or bases may destroy emulsion.

HAZARDOUS DECOMPOSITION PRODUCTS: Primarily oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID FOR POLYMERIZATION: None known.

SECTION VI I - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill and collect with absorbent materials.

WASTE DISPOSAL METHOD: Dump in conformance with local, state and federal regulations.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): None should be needed.

VENTILATION: Local Exhaust is suggested.

SPECIAL LOCAL EXHAUST: None needed

MECHANICAL VENTILATION: Recommended in a poorly vented area.

OTHER VENTILATION: None

PROTECTIVE GLOVES: To protect skin from direct/repeated contact.

EYE PROTECTION: Use goggles to protect eyes from contact.

OTHER PROTECTIVE EQUIPMENT: None.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep from freezing, do not boil.
Store at 50 - 120°F. Stir well before use.

OTHER PRECAUTIONS: None.

DATE: 7-15-2005

PREPARED BY: B. WALSH