

Material Safety Data Sheet

Effective Date: 27-JAN-2010
Product: FASTEN

I. IDENTIFICATION

Chemical Name: Surfactants
Chemical Family: Spreader-Sticker Adjuvant
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: <-7 Degrees C.
Spec Gravity: 0.980-0.995 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: Dispersible
Volatiles: 15%
Evaporation: 0.01
Melting Point: Not applicable
Appearance: Clear amber liquid with solvent odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Alkylphenyl (omega) hydroxy-polyoxyethylene, Polymerized Resins and Fatty Acids		78.0	N/E	Eye & skin irritant.
Paraffin Base Petroleum Oil		22.0	5 mg/m3	Eye & skin irritant.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F. (PMCC)
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Use dry chemical, water spray, water fog, carbon dioxide, foam or sand/earth extinguishing agents.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing.
Fire and Expl Hazard: None currently known.

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V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: May cause irritation and respiratory discomfort if ingested.
Skin Absorption: Irritation may occur if absorbed through skin.
Inhalation: May cause respiratory irritation or discomfort if inhaled.
Skin contact: Mild to moderate skin irritation occurs with contact.
Eye Contact: Severe eye irritation will occur with contact.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Do not induce vomiting unless instructed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.
Skin: Immediately flush affected areas with large quantities of water, continuing for at least 15 minutes. Seek medical attention if irritation develops.
Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention.
Eyes: Check for and remove contact lenses. Immediately flush eyes with plenty of water, continuing for at least 30 minutes while holding the eyelids apart. Seek immediate medical attention.
Notes to Physician: In the event of adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.

Material Safety Data Sheet

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Incompatibility material: Slightly reactive when in contact with oxidizing agents or acids.

Hazardous Combustion: Emits carbon monoxide and carbon dioxide under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Absorb with an inert material. Collect and place in suitable containers for proper disposal.

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use air-purifying respirator suitable for organic vapors, when needed.

Ventilation: Local, mechanical exhaust recommended.

Gloves: Solvent-resistant gloves.

Eyes: Splashproof goggles.

Other: Eyewash station, emergency shower, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Keep containers tightly closed. Store in a cool, well-ventilated area.

Other precaution: Do not contaminate water supplies, lakes, streams or ponds with this material.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.

Hazard Class: None

Identification No: None

Labels Required: None required

Placarding: None

Freight Class: Adhesives, Adjuvants, Spreaders or Stickers, Liquid, N.O.I. (NMFC Item 4610, Class 60)

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27-JAN-2010 14:48:01
Page 4 Of 4

Material Safety Data Sheet

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Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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