



## MATERIAL SAFETY DATA SHEET

### AF-130TG

Revision Date: 08/28/2009

\*\* FOR CHEMICAL EMERGENCY CALL CHEMTREC: 800-424-9300 \*\*

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| HMIS RATINGS | HEALTH: 1 | FLAMMABILITY: 0 | REACTIVITY: 0 | PP: X |  
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#### SECTION I-PRODUCT INFORMATION

**Chemical Name:** Mixture\*  
**Chemical Family:** Silicone emulsions  
**Formula:** Mixture\*  
**CAS Number:** None  
**DOT Hazard Class:** None  
**DOT Proper Shipping Name:** Not regulated

#### SECTION II-PHYSICAL DATA

**Boiling Point:** No data      **Specific Gravity (H<sub>2</sub>O=1):** 0.99-1.01  
**Vapor Pressure (mmHg):** No data      **Vapor Density (air=1):** > 1  
**Water Solubility:** Dispersible      **pH (as is):** 6.0-8.0  
**Evaporation Rate (n-butyl acetate=1):** < 1  
**% Volatiles (15 min. @ 135 C.):** 63-65%  
**Appearance and Odor:** White emulsion with a sweet odor.

#### SECTION III-HAZARDOUS INGREDIENTS

<u>Material</u>	<u>Percent</u>	<u>TLV (Units)</u>	<u>Hazards</u>
NONE			

\* Additional information will be provided in a medical emergency to qualified medical personnel.

#### SECTION IV-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (PMCC):** > 200 degrees F.

**Flammable Limits:** No data      **Lower:**      **Upper:**

**Extinguishing Media:** Water, CO2, foam, dry chemical.

**Special Fire Fighting Procedures:** Use media appropriate to the primary cause of fire, and wear a self-contained breathing apparatus when fighting fires.

**Fire and Explosion Hazards:** None known.

#### SECTION V-HEALTH HAZARD DATA

**Threshold Limit Value (TLV) for the Product:** None established.

**Does Product Contain OSHA, NTP or IARC Carcinogens above 0.1%?** No.

#### FIRST AID

**EYES:** Flush eyes thoroughly with running water. Get medical attention.

**SKIN:** Wash with mild soap and water. See a doctor if irritation develops.

**INHALATION:** Move to fresh air. See a doctor if breathing is difficult.

**INGESTION:** Get medical attention.

#### NATURE OF HAZARD (PHYSICAL EFFECTS):

**EYES:** Mild eye irritation is possible.

**SKIN:** Skin irritation is possible, depending on the frequency and duration of exposure.

**INHALATION:** Not expected to be an inhalation hazard. Breathing sprays or mists containing the product can be irritating.

**INGESTION:** Low oral toxicity expected. Gastrointestinal irritation, nausea and diarrhea could occur.

**ACUTE OVEREXPOSURE:** Mild irritation to the exposed areas.

**CHRONIC OVEREXPOSURE:** No data available for chronic effects.

#### TOXICITY DATA

**EYE CONTACT:** PRIMARY ROUTE OF ENTRY.

No data. Product is expected to be a mild eye irritant.

**SKIN CONTACT:**

No data. Not expected to be a skin irritant.

**INHALATION:**

No data. Breathing a spray or mist of the product can be irritating.

**INGESTION:**

No data. Low oral toxicity expected.

**Special Precautions:** Avoid eye and skin contact.

**REFERENCES**

MATERIAL SAFETY DATA SHEETS from raw material suppliers.

SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, Ninth Edition, Richard J. Lewis Sr., Van Nostrand Reinhold Co. (1996).

ACGIH THRESHOLD LIMIT VALUES (TLV's), 2006-07.

**SECTION VI-REACTIVITY DATA**

**Stability:** Stable  X  Unstable \_\_\_\_\_

**Conditions to avoid:** None known.

**Incompatibility (Materials to Avoid):** None known.

**Hazardous Decomposition Products:** Thermal decomposition can produce oxides of silicon and carbon.

**Hazardous Polymerization:** May occur \_\_\_\_\_ Will Not Occur  X

## SECTION VII-SPILL OR LEAK PROCEDURES

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|---|--|
| <input checked="" type="checkbox"/> Stop flow and contain spill by diking, sand bags, etc.<br><input type="checkbox"/> Eliminate all ignition sources.<br><input type="checkbox"/> Respiratory Protection (as per Section VIII)<br><input type="checkbox"/> Incinerate under controlled conditions<br><input type="checkbox"/> Incinerate using afterburner and scrubber<br><input type="checkbox"/> Send to hazardous waste facility | <input checked="" type="checkbox"/> Skin protection (as per Section VIII)<br><input checked="" type="checkbox"/> Absorb on inert material scrape up or shovel into drums.<br><input type="checkbox"/> Vacuum up.<br><input type="checkbox"/> Neutralize<br><input type="checkbox"/> Flush to sewer with water (small residues only)<br><input checked="" type="checkbox"/> Observe federal spill and water quality regulations |
|---|--|

## SECTION VIII-SPECIAL PROTECTION INFORMATION

AIR EXPOSURE RECOMMENDATIONS	GAS,FUMES,MISTS NORMAL USE	SPECIAL THERMAL, EXCEED TLV	SPRAY APPLICATIONS
General ventilation-	OK	Not recommended---	Not recommended
Local Exhaust-	OK	Not recommended---	Not recommended
Respiratory Protection (Code 1-4)	1	3	3

Codes for Respiratory Protection:

1. None Needed
2. Particle-removing, air purifying respirator (dust mask)
3. Gas and vapor-removing, air purifying respirator (Canister)
4. Full face, positive pressure-demand type (air supplied)

**EYE PROTECTION:** OSHA-approved safety glasses or chemical splash goggles.

**PROTECTIVE GLOVES:** Any impervious gloves.

**OTHER PROTECTIVE EQUIPMENT:** Safety shower and eyewash station.

## SECTION IX-SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Wear eye and skin protection. Store above 32 Deg. F (0 Deg. C) to prevent freezing. Keep lids on containers when not in use. Properly dispose of empty containers.

## SECTION X-MISCELLANEOUS

**Is product RCRA regulated?** No.

**Are all ingredients listed in the TSCA inventory?** Yes.

**Are all ingredients listed on the Canadian Domestic Substances List (DSL)?** Yes.

**ENVIRONMENTAL EFFECTS:** No data

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**SARA Classification for product:** None  
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**SARA TITLE III, SECTION 313 CHEMICALS:** None  
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**COMMENTS:** None

**ISSUE DATE:** 02/15/2008

**REVISION:** 08/28/2009

**SUPERCEDES:** 01/14/2009

**REASON FOR REVISION:** Periodic review.

**PRODUCT NUMBER:** 114077

**MSDS #:** 08-0017

**COMPANY CONTACTS:** Leslie Hollis, CEO

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**This form meets the requirements of OSHA 29CFR 1910.1200**