

MATERIAL SAFETY DATA SHEET

Product Name: Sealant Removal Wipes (Aviation Grade)
Product Code: 613

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sealant Removal Wipes (Aviation Grade)
Manufacturer: Industrial Chemicals
8 Luscombe Road
Poole, Dorset BH14 8ST
UK
Distributor: Bergdahl Associates, Inc.
2990 Sutro St.
Reno, Nevada 89512
(775) 323-7542

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS#	Exposure Guidelines (OSHA/ACGIH)
Dipropylene Glycol Monomethyl Ether	34590-94-8	None
Ethoxylated Castor Oil	61791-12-6	None
Water	7732-18-5	None

3. HAZARDS IDENTIFICATION

Emergency Overview:

Avoid contact with eyes. Wash thoroughly after handling.

Physical Form: Liquid
Appearance: Clear
Odor: Mild

NFPA Hazard Class: Health: 0 (Least)
Flammability: 0 (Least)
Reactivity: 0 (Least)

Potential Health Effects:

Eye: Contact may cause mild eye irritation including stinging, watering and redness.

Skin: Not known to be a skin irritant. No harmful effects from skin absorption have been reported.

Inhalation: No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

Ingestion: Low degree of toxicity by ingestion.

Signs and Symptoms: Effects of overexposure may include irritation of the nose, throat and digestive tract, transient excitation followed by signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue).

Cancer: No data available.

Target Organs: No data available.

Developmental: No harmful effects are expected from exposure to this material.

Pre-Existing Medical Conditions: None known.

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: First aid is not normally required. However, it is good practice to wash any chemical from the skin.

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion: First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties: Flash Point: None
 OSHA Flammability Class: Not regulated
 LEL/UEL: None
 Autoignition Temperature: None

Unusual Fire & Explosion Hazards: Closed containers exposed to extreme heat can rupture due to pressure buildup.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Protection of Fire Fighters: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined space, or when explicitly required by DOT, a self-contained breathing apparatus should be worn.

In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate immediate hazard area and keep unauthorized personnel out. Stop release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk.

6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from release. Notify persons down wind of the release, isolate immediate hazard area and keep unauthorized personnel out. Stop release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8). Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, state and local agencies. Immediate cleanup of any spill is recommended.

7. HANDLING AND STORAGE

Handling: Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Sections 2 and 8). Wash thoroughly after handling. Use good personal hygiene practices.

Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.

Personal Protective Equipment (PPE):

Respiratory: Respiratory protection is not usually required.

Skin: Not required based on the hazards of the material. However, it is considered good practice to wear gloves when handling chemical.

Eye/Face: Use approved eye protection to safeguard against potential eye contact, irritation or injury. Depending on conditions of use, a face shield may be necessary.

General hygiene Considerations: A source of clean water should be available in

the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

9. PHYSICAL AND CHEMICAL PROPERTIES (of impregnating fluid)

Note: Values are determined at 20°C (68°F)

Flash Point: None

Flammable / Explosive Limits (%): None

Autoignition Temperature: None

Appearance: Clear, colorless liquid

Odor: mild

pH: 6-7

Vapor Pressure: as Water

Vapor Density (air=1): No data

Boiling Point: 100°C

Freezing / Melting Point: <0°C

Solubility in Water: 100%

Evaporation Rate (nBuAc=1): Slow

Specific Gravity: 1.00

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions to Avoid: Extreme temperature.

Incompatible Materials: None known.

Hazardous Decomposition Products: May create oxides of carbon if exposed to extreme heat.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Components are of low toxicity.

Chronic Toxicity: No chronic toxicity has been identified.

12. ECOLOGICAL INFORMATION

No adverse environmental effects are foreseeable.

13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, is not a RCRA "listed" or "characteristic" hazardous waste. Use resulting in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name / Technical Name: None
 Hazard Class or Division: Not regulated
 ID#: None
 Packing Group: Not regulated

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): All ingredients of this material are on the TSCA Inventory list.

EPA (CERCLA) Reportable Quantity: None

SARA Title III Section 302 – Extremely Hazardous Substances: None

SARA 311/312 Hazard Categories:

Fire: No

Pressure Generating: No

Reactivity: No

Immediate (acute) Health Hazard: No

Delayed (chronic) Health Hazard: No

SARA 313 (40CFR 372) Reporting: None known

California Proposition 65 Reporting: None known

This material has not been identified as a carcinogen by NTP, IARC or OSHA.

16. ADDITIONAL INFORMATION

Issue Date: 04/15/03 Previous Issue Date: 5/04/01 Product Code: 613

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