



XT2000+

Safety Data Sheet XT-2000+™ Adhesive Revision Date: October 14, 2014

1. Identification

Trade Name: XT-2000+™ Adhesive
Company: Formulated Solutions LLC
25-44 Borough Place
Woodside, NY, 11377
Telephone: 718-267-6380
Emergency Phone #: 718-267-6380

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT, CONTACT THE FOLLOWING NUMBERS:

EMERGENCY 24 hours numbers:
USA: CHEMTREC 1-800-424-9300
CANADA: CANUTEC 1-613-996-6666

2. Hazard Identification

EMERGENCY OVERVIEW: WARNING! Irritant.

KEEP FROM CHILDREN!

Hazard Pictogram:



Signal Word: WARNING!

GHS Class: Eye Irritant, Category 2
Skin Irritant, Category 2

Hazard Statements: Causes eye and skin irritation.

Precautionary Statements: Wash hands thoroughly after handling. Contaminated work clothing must be cleaned before reusing. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Ventilation with fresh air, including open doors and windows should be observed during any installation. Operate HVAC Systems at 100% fresh air intake before, during and after installation to eliminate lingering odors or particulate matter.

Route of Exposure: Eyes, Skin, Ingestion, Inhalation.

Potential Health Effects:

Inhalation: May cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system.

Eye Contact: May cause abrasion of the cornea, and or mechanical irritation of the eye.

Skin Contact: May cause irritation.

Ingestion: May cause nausea, vomiting, and gastrointestinal irritation.

Target Organs: Eyes, Skin, Respiratory System, Digestive System.

3. Composition/Information on Ingredients

Ingredient Name	CAS #	Percent
Ethoxylated tridecyl alcohol	78330-21-9	.36 %
Vinyl Acetate copolymer	n/a	19 – 20 %
Sodium sulpho nonylphenoxy polyglycol ether	9014-90-8	.2 %
Water	7732-18-5	49 %
Isoparaffinic solvent	64742-47-8	1 %
Propylene Glycol	57-55-6	1.6 %

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Note: this product does not contain ASBESTOS.

4. First Aid Measures

Inhalation: Remove person to fresh air. If irritation persists, seek medical attention.

Eye Contact: Wash eyes immediately with water for at least 15 minutes. Remove contact lenses if possible. If irritation persists, seek medical attention.

Skin Contact: Wash exposed skin with cool water and a pH neutral soap or mild detergent. Remove contaminated clothing. Seek medical attention if irritation or inflammation develops or persist.

Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. If conscious, have the victim drink plenty of water.

5. Fire Fighting Measures

Extinguishing Media: Dry chemical Type ABC preferred.

Fire Fighting Equipment/Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Keep upwind of fire. Always be cognizant of an immediate exit in case of a fire.

6. Accidental Release Measures

Cleanup/Spills: Absorb spill with inert material, then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Disposal: See Section 13

7. Handling and Storage

Handling Instructions: Avoid skin and eye contact. Do not swallow. Maintain good personal hygiene and wash thoroughly after handling, especially before eating, drinking or smoking. Wash contaminated clothing before reusing. Use with adequate ventilation. Avoid breathing vapor.

Storage Measures: Keep out of the reach of children. Store in a cool, dry and well-ventilated area. Keep containers closed when not in use. Avoid unintentional contact with water. Do not subject material to heat, sunlight, or freezing conditions.

8. Exposure controls and Personal Protection

Exposure Guidelines:

Occupational Exposure Limits

Ingredient	OSHA-PEL	ACGIH-TLV
Ethoxylated tridecyl alcohol	None established	None established
Vinyl Acetate copolymer	None established	10 PPM TWA
Sodium sulpho nonylphenoxy polyglycol ether	None established	None established
Isoparaffinic solvent	None established	None established
Propylene Glycol	None established	None established

Skin Protection: Wear protective gloves and long sleeve shirts/pants to prevent skin contact.

Eye Protection: Wear approved eye (properly fitted dust – or splash proof-chemical safety goggles) / face (face shield) protection.

Respiratory Protection: In poorly ventilated areas or if the exposure limits are likely to exceed exposure levels, then wear a high efficiency particulate Respirator (NIOSH type N95 filter). Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

Engineering Controls: Use ventilation adequate to keep exposure (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

9. Physical and Chemical Properties

Physical State: Liquid

Appearance: N/A

Color: White

Odor: Weak

pH: N/A

Melting Point: N/A

Initial Boiling Point: 212°F

Flash Point: N/A

Flammability: Not Flammable

Lower Flammability/Explosive Limit: N/A

Upper Flammability/Explosive Limit: N/A

Vapor Pressure: Same as water

Vapor Density: Same as water

Specific Gravity: .98-1.00

VOC: 0 g/l

10. Stability and Reactivity

Stability: This product is stable. Keep dry until used.

Reactivity: No dangerous reaction known under conditions of normal use.

Incompatibility (Materials to Avoid): None known.

Conditions to Avoid: Heat. Freezing conditions below 32°F.

Hazardous Decomposition or Byproducts: Will not occur.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Likely Routes of Exposure: Skin contact, skin absorption, eye contact.

Acute Toxicity

Ingredient	LC50	LD50
Ethoxylated tridecyl alcohol	>100mg/l, rainbow trout	Not Available
Vinyl Acetate copolymer	Not Available	Not available
Sodium sulpho nonylphenoxy polyglycol ether	>100mg/l, rainbow trout	Not Available
Isoparaffinic solvent	Not Available	Not Available
Propylene Glycol	Not Available	Not Available

Calculated overall Chemical Acute Toxicity Values

Component	LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Ethoxylated tridecyl alcohol	Not Available	>2000 mg/kg, rat	Not Available
Vinyl Acetate copolymer	Not Available	Not Available	Not Available
Sodium sulpho nonylphenoxy polyglycol ether	Not Available	>2000 mg/kg, rat	Not Available
Isoparaffinic solvent	Not Available	Not Available	Not Available
Propylene Glycol	Not Available	22000-31000 mg/kg, rat	21000 mg/kg, rabbit

12. Ecological Information

No ecotoxicity data are available for this product's components.

13. Disposal Considerations

Dispose in a manner consistent with local, state, regional, provincial and/or Federal Regulations.

14. Transport Information

U.S. DOT: Not regulated as dangerous goods.

International Transportation: Not regulated as dangerous goods.

Class: 55

Special Precautions for User: Do not handle until all safety precautions are understood.

Transport Emergency: In the event of a transport emergency contact CHEMTREC at 1 800 424-9300

15. Regulatory Information

US: SDS prepared in accordance with the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

SARA Title III

Ingredient	Section 302 (EHS TPQ (lbs.))	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 311/312	Section 313
Ethoxylated tridecyl alcohol	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Vinyl Acetate copolymer	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Sodium sulpho nonylphenoxy polyglycol ether	Not Listed	Not Listed	Not Listed	Listed as Acute Hazard	Not Listed
Isoparaffinic solvent	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propylene Glycol	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances list. Other state regulations may apply. Check individual state requirements.

Component	CAS	MA	MN	NJ	PA	RI
Ethoxylated tridecyl alcohol	78330-21-9	No	No	No	No	No
Vinyl Acetate copolymer	n/a	No	No	No	No	No
Sodium sulpho nonylphenoxy polyglycol ether	9014-90-8	No	No	No	No	No
Isoparaffinic solvent	64742-47-8	No	No	Yes	Yes	No
Propylene Glycol	57-55-6	No	No	No	No	No

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains trace amounts of the following:

California Proposition 65 Carcinogens:

75-07-0	Acetaldehyde
76-06-1	Acrylamide
123-91-1	1,4-Dioxane
50-00-0	Formaldehyde

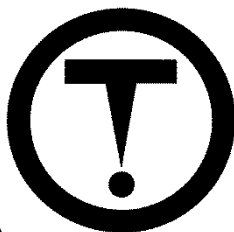
California Proposition 65 Reproductive Toxins:

76-06-1	Acrylamide
67-56-1	Methanol

Global Inventories

Ingredient	Canada DSL/NDSL	USA TSCA
Ethoxylated tridecyl alcohol	DSL	Yes
Vinyl Acetate copolymer	DSL	Yes
Sodium sulpho nonylphenoxy polyglycol ether	DSL	Yes
Isoparaffinic solvent	DSL	Yes
Propylene Glycol	DSL	Yes

Canada WHMIS Information: This product is not controlled.



D2A

16. Other Information

KEEP FROM CHILDREN!

Disclaimer: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects caused by purchase, resale, use or exposure to this product. Customers-users of this product must comply with all applicable health and safety laws, regulations, and orders, including the OSHA Hazard Communication Standard.

Key/Legend: ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Services; CP65 = California Proposition 65; DOT = Department of Transportation; DSL = Domestic Substances List; EPA = Environmental Protection Agency, HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; WHMIS = Workplace Hazardous Materials Information System

XT-2000+™ is a trademark of Formulated Solutions LLC

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END OF SAFETY DATA SHEET