



TESS[®]

Safety Data Sheet TESS[®] Additive and Bonding Agent Revision Date: August 11, 2014

1. Identification

Trade Name: TESS[®] Additive and Bonding Agent

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! INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE AND SKIN IRRITATION.

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. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product.

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 irritation of the eye.

Skin Contact: May cause irritation after prolonged or repeated contact..

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
Acrylic polymer	Not Hazardous	30-32%
Water	7732-18-5	68-70%

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

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. Seek medical attention if irritation or inflammation develops or persist. Seek immediate medical treatment in the event of a caustic burn.

Ingestion: Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

5. Fire Fighting Measures

Flammability: In a fire or if heated, a pressure increase will occur and the container may burst.

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

Spills: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

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.

Storage Measures: Keep out of the reach of children. Store in a cool, dry and well-ventilated area. Store in liquid-tight, dry, labeled containers. Keep containers closed when not in use. Do not subject material to freezing conditions.

8. Exposure controls and Personal Protection

Exposure Guidelines:

Occupational Exposure Limits

Ingredient	OSHA-PEL	ACGIH-TLV
Acrylic polymer	n/a	n/a
Water	n/a	n/a

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: Acrylate

pH: N/A

Melting/Freezing Point: N/A

Initial Boiling Point: N/A

Flash Point: > 100°C (212°F)

Flammability: Not Flammable

Lower Flammability/Explosive Limit: N/A

Upper Flammability/Explosive Limit: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: N/A

Solubility: N/A

Auto Ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

Oxidizing Properties: N/A

Explosive Properties: N/A

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): No specific data.

Conditions to Avoid: Strong oxidizers.

Hazardous Decomposition or Byproducts: Under normal conditions will not occur.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

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

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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. This product is not considered hazardous.

SARA Title III

Ingredient	Section 302 (EHS TPQ (lbs.))	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Acrylic polymer	Not Listed	Not Listed	Not Listed	Not Listed
Water	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
Acrylic polymer	Not hazardous	No	No	No	No	No
Water	7732-18-5	No	No	No	No	No

Canada WHMIS Information:

This product is not a “controlled product” under the Canadian Workplace Hazardous Materials Information System (WHMIS).

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

TESS[®] is a registered trademark of Formulated Solutions LLC

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END OF SAFETY DATA SHEET