

SAFETY DATA SHEET RIGID ADHESION PROMOTER

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1. Identification of the Preparation and of The Company

1.1 Product Name and/or code: Rigid Adhesion Promoter
Effective Date: 10/27/2022

1.2 Manufacturer/ Distributer: Smooth-On
5600 Lower Macungie Road
Macungie, PA 18062
USA

Information Contact: 1800-762-0744

1.3 Emergency Contact: 800-255-3924
813-248-0573

Emergency Response Service: ChemTel Inc.
1305 North Florida Avenue
Tampa, FL 33602 USA
813-248-0573
www.chemtelinc.com

Contact Number: MIS4120068
Within the United States, Canada, Puerto Rico, and the U.S. Virgin Islands: 1-800-255-3924
Outside the United States, Canada, Puerto Rico, and the U.S. Virgin Islands: +01-813-248-0585

China: 400-120-0751
Brazil: 0-800-591-6042
India: 000-800-100-4086
Mexico: 01-800-099-0731

For Health Emergencies: Contact your local Poison Control Center.

1.4 Product Use: Art Material – Consumer Product

2. Hazards Identification

Emergency Overview

CAUTION! MAY CAUSE EYE AND SKIN IRRITATION.

2.1 Classification of the Product:

Label Elements

Conforms to ASTM D-4236

Hazard Pictograms



GHS07

Signal Word

CAUTION!

Hazard Statement

May cause nose and throat irritation.

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Precaution Statement:	Avoid contact with eyes, skin, and clothing. Do not inhale spray mist. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wash thoroughly after using.
Children's Statement	KEEP OUT OF REACH OF CHILDREN.
2.2 Other hazards	
NFPA	Health: 1 Flammability: 0 Reactivity: 0
HMIS	Health: 1 Flammability: 0 Reactivity: 0
2.3 Regulation (EC) No. 1272/2008	<u>Classification for the mixture under CLP Labelling:</u>
Signal Word Code (CLP Labelling)	Warning (category 2)
H- Statements	Causes serious eye irritation (H319)
P-Statements	Wash thoroughly after handling (P264); Wear eye protection. (P280); IF IN EYES: rinse cautiously with water for several minutes. (P305, P351); Remove contact lenses, if present and easy to do. Continue rinsing. (P338); If eye irritation persists: Get medical attention. (P337, P313).
Substances of very high concern (SVHC)	No classification for the hazardous ingredient.

3. Composition/Information on Ingredients:

3.1 Substances:

Mixture of the following chemicals: Triethylamine (CAS No. 121-44-8) < 3 %
The remainder of the formulation is composed of non-hazardous ingredients.

Regulation (EC) No. 1272/2008 (CLP)

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

4. First Aid Measures

4.1 Description of first aid measures

Inhalation	If affected, remove to fresh air.
Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush with water for 15 minutes. If irritation occurs, contact a physician immediately.
Ingestion	If swallowed, do not induce vomiting. Contact a physician immediately.

5. Firefighting Measures

5.1 Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
5.2 Fire/Explosion Hazards	This product is not known to present any fire hazard.

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RIGID ADHESION PROMOTER****5.3 Flashpoint/Flammability** Not flammable**6. Accidental Release Measures****6.1 Methods and Materials for Containment and Cleaning up** Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.**7. Handling and Storage****7.1 Safe Handling** Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage.**7.2 Environmental precautions** No product should be released to the environment. Keep container closed when not in use. Keep container upright to prevent leakage.**7.3 Storage** Store containers in a cool, dry, well ventilated area.**8. Exposure Controls/Personal Protection****8.1 Personal Protective Equipment** Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.**8.2 Exposure Limits (USA)**

Substance	OSHA PEL	ACGIH	ACGIH
	TWA	TWA	STEL
Triethylamine	100 mg/m ³ ; 25 PPM	0.5 PPM	1 PPM

8.3 Respiratory and Ventilation Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.**Skin Protection** Wear water resistant impervious gloves if handling bulk amounts.**Eye Protection** Wear goggles where spills or splashing may occur.**9. Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

Appearance	Clear liquid
Physical State	Liquid
Color	Colorless
Odor	Ether-like odor
Boiling Point	Not determined
Freezing Point	Not determined

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State (pH)	8.5
Specific Gravity	No data available
Viscosity	No data available
Flashpoint	Not Flammable
Vapor Pressure	Not determined
Vapor Density	Not determined
Solubility in water	Miscible

10. Stability and Reactivity

10.1 Reactivity	No dangerous reaction known under conditions of normal use.
10.2 Chemical Stability	Stable under recommended storage conditions.
10.3 Conditions to Avoid	Avoid all sources of ignition.
10.4 Incompatible materials	Strong oxidizing agents, strong acids, strong bases, amines, ammonia, halogenated compounds.
10.5 Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

11. Toxicological Information**11.1** Information on toxicological effects

Health Effects	None known for the usual and ordinary uses of this product.
Acute Toxicity	May cause eye, skin, nose and throat irritation.

**Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients.*

Triethylamine (literature value):	LD50 Oral - 730 mg/kg (Rat); LD50 Dermal - 580 mg/kg (Rabbit); LC50 Inhalation - 7 mg/l - 4 hrs. (Rat).
Eye Effects	May cause eye irritation. <i>Triethylamine: Causes serious eye irritation</i>
Skin Effects	May cause skin irritation. <i>Triethylamine: Causes skin irritation</i>
Inhalation	May cause nose and throat irritation.
Sensitization	No effects are likely to occur during the foreseeable and reasonable use of the product.
Ingestion	No effects are likely to occur during the foreseeable and reasonable use of the product.
Chronic Effects	No effects are likely to occur during the foreseeable and reasonable use of the product.
<u>Additional toxicological information:</u>	When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided.

12. Ecological Information

12.1 Toxicity:	Not expected to be harmful to the environment. No product should be released to the environment.
Aquatic toxicity	Non- hazardous to water.
12.2 Persistence and degradability	Not persistent. Biodegradable. <i>Not relevant to this mixture.</i>
12.3 Bio accumulative potential	Does not occur. <i>Not relevant to this mixture.</i>

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12.4 Mobility in soil	Mixture is similar to water. <i>Not relevant to this mixture.</i>
12.5 PBT and vPvB	This mixture is not PBT/vPvB
12.6 Additional ecological information	As a general rule, no product should be released to the environment.

13. Disposal Considerations

13.1 Dispose of all waste material in accordance with all applicable federal, state and local regulations.

14. Transport Information

14.1 The following transportation categories do not apply to this mixture sold as a consumer use product (non-bulk).

DOT This regulation does not apply to the non-bulk material.

IMDG This regulation does not apply to the non-bulk material.

ICAO/IATA This regulation does not apply to the non-bulk material.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA Not applicable to this mixture.

Section 355 (extremely hazardous substances) Not applicable to this mixture.

Section 313 (specific toxic chemical listing) Not applicable to this mixture.

TSCA (Toxic Substance Control Act) All ingredients are listed.

California Proposition 65 As of October 27, 2022, this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at concentrations which would require a warning under the statute.

Carcinogenicity categories Not applicable to this mixture.

EPA (Environmental Protection Agency) Not applicable to this mixture.

TLV (Threshold Limit Value established by ACGIH) Not applicable to this mixture. Refer to section 8 for further information on individual substances of this mixture.

NIOSH (National Institute for Occupational Safety & Health) Not applicable to this mixture.

OSHA (Occupational Safety & Health Administration) Not applicable to this mixture.

MAK (German Maximum Workplace Concentration) Not applicable to this mixture.

16. Other Information

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Abbreviations and acronyms:**NFPA (SCALE 0-4) National Fire Protection Association (USA)**

Health: 1 - Caution. May be irritating.
Fire: 0 - Not combustible.
Reactivity: 0 - Stable. Not reactive when mixed with water.

HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

Health: 1 - Slight hazard: Irritation or minor reversible injury possible.
Fire: 0 - Minimal hazard: Materials that will not burn.
Physical Hazard: 0 - Minimal hazard: This material is normally stable, even under fire conditions and will not react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Exposure Limits

TWA - Time Weighted Average (8 hr.)
STEL - Short Time Exposure Limit (15 min.)
REL - Recommended Exposure Limit
PEL - Permissible Exposure Limit
IDLH - Immediately Dangerous to Life or Health
ACGIH - Association Advancing Occupational and Environmental Health
EPA - Environmental Protection Agency