

Material Safety Data Sheet

One Step Adhesive Part B

MSDS No. 309693B

Date of Preparation: 07/20/07

Revision: 001

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: One Step Adhesive Part B

Chemical Formula: Mixture

General Use: Adhesive

Manufacturer: Versico, 1285 Ritner Highway, Carlisle, PA 17013, Phone: 800-992-7663

24-Hour Emergency Phone Number: CHEMTREC (USA) 800-424-9300

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Polypropylene Glycol	25322-69-4	90.0-99.0
Polyether Polyol	Not Listed	1.5-10.0
Tertiary Amines	Not Listed	0.50-4.0

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Polypropylene Glycol	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Polyether Polyol	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Tertiary Amines	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

HMIS

H 1

F 1

R 0

PPE[†]

[†]Sec. 8

Potential Health Effects

Primary Entry Routes:

Target Organs: Respiratory Tract, Lungs, Skin

Acute Effects

Inhalation of Particulates and Fumes: Irritation, coughing spell

Eye: Irritation

Skin: Can cause irritation, dermatitis

Ingestion: Can cause gastrointestinal irritation

Carcinogenicity: IARC, NTP, and OSHA do not list any ingredients of One Step Adhesive Part B as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects:

Section 4 - First Aid Measures

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing.

Should be observed by a physician immediately if overexposure is severe.

Eye Contact: Flush immediately with running water for 15 minutes, lifting the upper and lower lids occasionally. Get medical attention immediately

Skin Contact: Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately

Ingestion: Get medical attention immediately. Do not induce vomiting unless advised by a physician.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians:

Special Precautions/Procedures:

Section 5 - Fire-Fighting Measures

Flash Point: >350°F (>176°C)

Flash Point Method: PM cc

Autoignition Temperature: Not Established

LEL: N/A

UEL: N/A

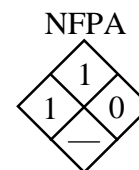
Extinguishing Media: Water, Foam

Unusual Fire or Explosion Hazards: N/A

Hazardous Combustion Products: Hydrocyanic acid, oxides of nitrogen can form, carbon monoxide, carbon dioxide and other hydrocarbons.

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode.



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Absorb spill in sand, earth or other suitable absorbent material. Transfer to appropriate container for disposal.

Large Spills

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Absorb spill in sand, earth or other suitable absorbent material. Transfer to appropriate container for disposal.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Keep container closed when not in use because it will cure when exposed to atmospheric moisture.

Storage Requirements: Store under normal warehouse conditions, and keep away from excessive heat. Prevent ingestion and contact with skin

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Viscous Liquid

Appearance and Odor: Off white to amber viscous liquid with negligible odor.

Specific Gravity (H₂O=1, at 4 °C): 1.00

% Volatile: <1.5%

VOC (gpl): Negligible

Section 10 - Stability and Reactivity

Stability: This is a stable material.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: Incompatible with water, acids, bases, alcohols, and metal compounds.

Conditions to Avoid: Avoid high temperatures, sparks, flame and extended exposure to temperatures over 110°F (45°C)

Hazardous Decomposition Products: Combustion may produce hydrocyanic acid, oxides of nitrogen, carbon monoxide, and carbon dioxide.

Section 11- Toxicological Information

Toxicity Data: No Information Available

Eye Effects: Minor irritation and reddening

Acute Inhalation Effects: Minor Irritation

Skin Effects: Irritation

Acute Oral Effects: Not Established

Chronic Effects: Not Established

Carcinogenicity: Not Established

Section 12 - Ecological Information

Ecotoxicity: Not Determined

Environmental Fate: Not Determined

Environmental Degradation: Not Determined

Soil Absorption/Mobility: Not Determined

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Waste characterization and disposal compliance are the sole responsibility of the party generating the waste or deciding to discard or dispose of the material. Product as sold is not a RCRA hazardous waste when disposed.

Do not allow material to enter sewers, bodies of water, or contact the ground. Refer to RCRA 40 CFR 261 and/or any other appropriate federal, state or local requirements for proper classification information.

Container Cleaning and Disposal: Treat or dispose of waste material in accordance with all local, state/provincial and national requirements.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Regulated

Packaging Authorizations

Quantity Limitations

Shipping Symbols:

a) Exceptions: N/A

a) Passenger, Aircraft, or Railcar: N/A

Hazard Class:

b) Non-bulk Packaging: N/A

b) Cargo Aircraft Only: N/A

ID No.:

c) Bulk Packaging: N/A

Packing Group:

Vessel Stowage Requirements

Label:

a) Vessel Stowage: N/A

Special Provisions (172.102):

b) Other: N/A

Section 15 - Regulatory Information

EPA Regulations:

TSCA Status: On the TSCA inventory

Propylene Glycol

CAS # 25322-69-4

UVCB: Yes

TSCA Flag: XU

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not regulated

CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), N/A

SARA 311/312 Codes: None

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

OSHA Regulations:
Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed
OSHA Specifically Regulated Substance (29CFR 1910.????)
Considered hazardous based on the following criteria: Irritant, Sensitizer
Target Organs: Lung, Skin, Respiratory Tract

State Regulations:
California:
This product contains no chemicals known to the state of California to cause cancer, birth defects of other reproductive harm.

Minnesota Hazardous Substance List

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Codes</u>	<u>Hazards</u>	<u>Carcinogen</u>
Polypropylene Glycol	25322-69-4	I	--	False

Section 16 - Other Information

Prepared By: Research and Development
Revision Notes: Added VOC content to Section 9.

Additional Hazard Rating Systems:

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