SAFETY DATA SHEET

SupremeSeal 2.0
2.0 LB CLOSED-CELL SPRAY FOAM

SECTION 1: IDENTIFICATION

Product	
Product Identifier	B-Side SupremeSeal 2.0
Chemical Name Product	Polyurethane Resin
Use	One component of polyurethane materials
Supplier Information	
Name	United Polymers LLC
Address	1744 South Lane, Mandeville LA, 70471
Website	www.unitedpolymers.us
Phone	888-973-9340
Email	contact@unitedpolymers.us
Emergency Information	
Emergency Telephone	**CHEMTREC:** 800-424-9300 (USA & Canada) *For Emergency, Spill, Leak, Fire, Exposure or Incident

SECTION 2: HAZARD IDENTIFICATION

GHS Classification	
Acute Toxicity (Oral)	Category 4

LABEL ELEMENTS:



WARNING

Hazard Statements:	
Harmful if swallowed	May cause skin irritation
May cause eye irritation	May cause respiratory irritation

Precautionary Statements: Prevention	
Obtain special instructions before use. Do not handle until safety precautions have been read and understood.	
Do not breathe mist, vapors, or spray	Wear protective gloves, eye protection, face protection, and clothing
Use only outdoors or in a well-ventilated area	Contaminated work clothing should not be allowed out of the workplace
Wear respiratory protection	

Precautionary Statements: Response	
IF ON SKIN: Wash with plenty of water	**IF INHALED:** Remove person to fresh air and keep comfortable for breathing
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	Call a POISON CENTER or doctor if you feel unwell
If skin irritation or rash occurs: Get medical attention/advice	**If eye irritation persists:** Get medical attention/advice
If experiencing respiratory symptoms: Call a POISON CENTER or doctor	Take off contaminated clothing and wash it before reuse
Storage and Disposal	
Storage	Store locked up and in a well-ventilated area. Keep the container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight %
Triethyl phosphate	78-40-0	0.75-4.3
Glyceryl polypropylene glycol triether	25791-96-2	0.25-3.5
Ethylene glycol	107-21-1	0.05-3.25

***Hazardous Material Information Review Act registry number (HMIRA registry #):** N/A
***Date HMIRA filed and date exemption granted (if applicable):** N/A

SECTION 4: FIRST-AID MEASURES

General Advice	Show this safety data sheet to a doctor or poison center medical professional
Inhalation	I**f inhaled:** Remove the person to fresh air and keep comfortable for breathing. **If experiencing respiratory symptoms:** Call a poison center or doctor.
Eye Contact	Flush eyes with water for at least 15 minutes lifting, lower and upper eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention
Skin Contact	I**f on skin:** Wash with soap and water. Wash with plenty of water. **If skin irritation or rash occurs:** Get medical attention. Take off contaminated clothing and wash it before reusing. **Acute and delayed symptoms and effects:** May cause an allergic skin reaction. May cause skin irritation
Ingestion	DO NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Contact a poison center or doctor immediately

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	**Small Fire:** Dry chemical, CO2, water spray or regular foam. **Large Fire:** Water spray, fog or regular foam. Move containers from the fire area if you can do it without risk.
Unsuitable Extinguishing Media	Do not scatter spilled material with high pressure water streams
Special Hazards Arising from the Chemicals	During fire, gases hazardous to health may be formed such as: Carbon oxides. Nitrogen oxides.
Precautions for Firefighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental Precautions	Avoid releases to the environment and prevent material from entering confined areas, domestic sewers, natural waterways, or storm water management systems
Methods and Material for Containment and Cleanup	Stop the flow of material, if this is without risk. Dike the spilled material, where/when possible. Absorb using vermiculite, dry sand, sawdust, or earth and place into containers. Disposal should be in accordance with applicable regional, national and local laws and regulations

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapors. Do not get this material in contact with eyes. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink, or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Persons susceptible to allergic reactions should not handle this product.

Conditions for Safe Storage including any incompatibilities	Keep containers tightly closed in a dry, cool, and well-ventilated place. Store between 50°F and 80°F out of direct sunlight. Keep in a secured location

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Exposure Limits		
Ingredient	**ACGIH TLV**	**U.S. OSHA PEL**
Ethylene glycol 107-21-1	STEL: 50 ppm vapor fraction STEL: 10 mg/m3 inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction	Not established

Exposure Controls:	
Engineering Controls	Showers Eyewash stations Ventilation systems.

Personal Protection Equipment (PPE)



Eye/Face Protection	Wear approved chemical safety goggles. Ensure that eyewash stations are close to the workstation location. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3:20 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.
Skin Protection	Wear chemical protective gloves, suit, and boots to prevent skin exposure. Evaluate resistance under conditions of use and maintain protective clothing carefully.
Hand Protection	Wear appropriate chemical resistant gloves. Consult manufacturer specifications for further information.
Respiratory Protection	The specific respirator selected must be based on contamination levels of this material found in the workplace and the working limits of the respirator. A supplied air, full-face mask, positive pressure or continuous flow respirator or a supplied air hood is required when airborne concentrations are unknown or exceed threshold limit values. A positive pressure, self-contained breathing apparatus can be used in emergencies or other unusual situations. Full-face air-purifying respirators equipped with organic vapor cartridges can be used in certain situations, see OSHA standard 29CFR 1910.134. All equipment must be NIOSH approved and maintained.
Other Protection	Handwash station and eyewash station are readily available close to the work area. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light Brown Liquid
Odor	Amine
Odor Threshold	4 mg/m3 (4 ppb) for MDI
pH:	Not Available
Melting Point / Freezing Point:	Not Available
Initial Boiling Point and Boiling Range	Not Available
Flash Point	>93.3 °C / 199.9 °F
Flammability	Not Available
Upper/Lower Flammability or Explosive Limits:	Not Available
Vapor Pressure	Not Available
Relative Vapor Density	Not Available
Relative Density	1.17-1.21
Water Solubility	Not Available
Solubility in other Solvents	Not Available
Partition Coefficient (n-octanol/water)	Not Available
Autoignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Other Information	
Explosive Properties	Not Available
Oxidizing Properties	Not Available
VOC Content (%)	Not Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not Available
Chemical Stability	Stable under normal storage conditions
Condition to Avoid	Temperatures above 85°F and extreme freezing temperatures
Incompatible Materials	Isocyanates and other chemicals that react with hydroxyl groups
Hazardous Decomposition Products	When burned, CO, CO2, NOx, aliphatic fragments, halogens, halogen acids, and possibly carbonyl halides

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure	
Inhalation	Prolonged inhalation may be harmful
Skin	May cause skin irritation and/or allergic reaction
Eye	May cause serious eye irritation
Ingestion	Harmful if swallowed

Effects of Acute Exposure	
Inhalation	Not Available
Skin	Not Available
Eye	Not Available
Ingestion	Not Available
Numerical measure of toxicity	Not Available

The following values are calculated based on chapter 3.1 of the GHS document

- **ATEmix (oral)** 1,085.90 mg/kg
- **ATEmix (dermal)** 6,561.50 mg/kg
- **ATEmix (inhalation-dust/mist)** 11.80 mg/l

Component Information			
Chemical Name	**Oral LD50**	**Dermal LD50**	**Inhalation LC50**
Triethyl phosphate 78-40-0	1100 - 1600 mg/kg (Rat)	> 20 g/kg (Rabbit)	> 8817 mg/m3 (Rat) 4 h
Glyceryl polypropylene glycol Triether 25791-96-2	= 2830 µL/kg (Rat) > 64 mL/kg (Ra)	> 2000 mg/kg (Rat)	unavailable
Ethylene glycol	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat)	> 2.5 mg/L (Rat) 6 h

Symptoms (including delayed and immediate effect)	
Inhalation	Not available
Eyes	Not available
Skin	May cause an allergic skin reaction. Or skin irritation.
Ingestion	May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea
Skin Sensitization	Hazardous by OSHA/WHMIS criteria. May cause sensitization through skin contact

Effects of Chronic Exposure (from short and long-term exposure)	
Target Organs	Skin, eyes, gastrointestinal, respiratory system (Lungs)
Chronic Effects	Hazardous by OSHA/WHMIS criteria. May cause chronic effects. Prolonged or repeated contact may dry skin and cause irritation

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity				
Chemical Name	**Algae/Aquatic Plants**	**Fish**	**Toxicity to Microorganisms**	**Crustacea**
Ethylene glycol	EC50: 6500 - 13000 mg/L	LC50: = 41000 mg/L (96h)		

107-21-1	(96h, Pseudokirchneriella subcapitata)	Oncorhynchus mykiss) LC50: 14 - 18 mL/L (96h, Oncorhynchus mykiss) LC50: = 27540 mg/L (96h, Lepomis macrochirus) LC50: = 40761mg/L (96h, Oncorhynchus mykiss) LC50: 40000 - 60000 mg/L (96h, Pimephales promelas) LC50: = 16000 mg/L (96h, Poecilia reticulata)		

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions	Dispose of waste in accordance with relevant national, regional, and local regulations. Do not reuse empty containers

SECTION 14: TRANSPORT INFORMATION

DOT Transport	Not Regulated
Hazard Class	Not Regulated
Packing Group (if applicable)	Not Regulated

SECTION 15: REGULATORY INFORMATION

Safety, Health, and Environmental Regulations/Legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants: Not applicable
The Rotterdam Convention: Not applicable

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Contact supplier for inventory compliance status Contact supplier for inventory compliance status
ENCS Contact supplier for inventory compliance status Contact supplier for inventory compliance status
IECSC Contact supplier for inventory compliance status Contact supplier for inventory compliance status
KECL Contact supplier for inventory compliance status Contact supplier for inventory compliance status
PICCS Contact supplier for inventory compliance status Contact supplier for inventory compliance status
AICS Contact supplier for inventory compliance status Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA Title III	
Chemical Name Ethylene glycol - 107-21-1	**SARA 313 Thershold Values %**
	1.0

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Ethylene glycol 107-21-1	500lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Proposition 65
Ethylene glycol - 107-21-1	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene glycol 107-21-1	X	X	X
Water			X

SECTION 16: OTHER INFORMATION

NFPA	**Health Hazards; 1**	**Flammability; 2**	**Instability; 0**	**Special hazards -**
HMIS	**Health Hazards; 1**	**Flammability; 2**	**Physical hazards; 0**	**Personal protection - X**

Legend Section 8 Controls / Personal Protection

TWA=Time Weighted Average	**STEL= Short Term Exposure Limit**
Ceiling= Maximum Limit Value	

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR); U.S. Environmental Protection Agency ChemView Database; European Food Safety Authority (EFSA); EPA (Environmental Protection Agency); Acute Exposure Guideline Level(s) (AEGL(s)); U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act; U.S. Environmental Protection Agency High Production Volume Chemicals; Food Research Journal; Hazardous Substance Database; International Uniform Chemical Information Database (IUCLID); Japan GHS Classification; Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS); NIOSH (National Institute for Occupational Safety and Health); National Library of Medicine's ChemID Plus (NLM CIP); National Library of Medicine's PubMed database (NLM PUBMED); National Toxicology Program (NTP); New Zealand's Chemical Classification and Information Database (CCID); Organization for Economic Co-operation and Development Environment, Health, and Safety Publications; Organization for Economic Co-operation and Development High Production Volume Chemicals Program; Organization for Economic Co-operation and Development Screening Information Data Set ; World Health Organization

SDS Issue Date	5-1-2025
Revision Date	N/A

Important Notice

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.