SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Envelo-Seal Spray Foam™ Synergy Series
Component: "B"

Company: **Specialty Products, Inc. (SPI)**
2410 – 104th St Ct S, Ste D
Lakewood, WA 98499
Phone: 253.588.7101
Toll Free: 800.627.0773
Fax: 253.588.7196

EMERGENCY CONTACT: For Spills, Leaks, Fire or Exposure call **CHEMTREC**
Toll Free: 800.424.9300
International Calls: 703.527.3887
Fax: 913.321.1490

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% W	Exposure Limits
Alkyl Modified Oxyalkylene Polymer	N/A	10 – 20	
Hydroxyl Terminated Poly (Oxyalkylene) Polyether	9082-00-2	30 – 40	N.E.
Tertiary Amine Bearing Compounds	108-01-0	.1 – 15	N.E.
Water	7732-18-5	.1 – 15	

SECTION 3: HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency Overview:

Danger!
IRRITATING TO EYES AND SKIN.
HARMFUL IF SWALLOWED.
RESPIRATORY TRACT IRRITATION.

Irritating to eyes and skin. Irritating to respiratory system. Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Section 3 Notes: **Read the entire MSDS for a more thorough evaluation of the hazards.**

SECTION 4: FIRST AID MEASURES

Eye Contact:	Flush with clean, lukewarm water at low pressure for at least 15 minutes, occasionally lifting eyelids. Consult a physician immediately.
Skin Contact:	This product containes amine catalyst and will cause irritation to the skin after prolonged contact. Some individuals may be more sensitive to exposure. Remove contaminated clothing. Wash exposed area with warm soapy water thoroughly. Contaminated clothing should be properly laundered before reusing.
Ingestion:	This is not considered a common occupational route of exposure, and no observable effects have been demonstrated.
Inhalation:	May cause irritation to the throat and respiratory passage but at room temperature, vapor inhalation is not considered hazardous.
Notes to Physician:	Symptomatic treatment and supportive therapy as indicated. Administer oxygen if necessary. Following severe exposure the patient should be kept under medical review for at least 48 hours as delayed pulmonary oedema may develop.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point:	Not Established
Extinguishing Media:	
Suitable:	Dry chemical extinguishers such as monoammonium phosphate, potassium sulfate, potassium chloride. Additionally, carbon dioxide, high expansion (proteinic) chemical foam, water spray for large fires.
Not Suitable:	None known.
Special Exposure Hazards:	Do not direct solid water stream or foam into hot, burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and body covering protective clothing; burning can produce oxides of carbon and nitrogen.
Unusual Fire and Explosion Hazard:	Contact with certain finely divided reactive materials may cause reactions. Decomposition products may be hazardous.
Special Protective Equipment for Firefighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:	For major spills call **CHEMTREC** Toll Free 1.800.434.9300 or for International call 1.703.527.3887.
Personal Precautions:	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
Environmental Precautions:	Contain the spilled material then cover with a loose, absorbent material such as oil dry, vermiculite, sawdust or Fuller's earth. Shovel waste material into proper waste containers. Wash all contaminated areas with hot soapy water thoroughly. Ventilate area to remove vapors. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste material may be incinerated or disposed of under local, state and federal regulations controlling environmental protection.
Methods for Cleaning Up:	If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contained material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

General:	Ideal storage temperature is 65°F-75°F (18°C-24°C). Handling and storage should be in accordance with Local, State/Provincial or Federal regulations. Average shelf life is 2-3 months from date of manufacture.
Handling:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. If contamination with isocyanates is suspected, do not reseal container because of possible rupture due to pressure buildup. Always slowly vent container when opening to relieve any pressure buildup.
Special Sensitivity:	This product is hygroscopic. Containers should be tightly sealed to prevent moisture contamination. Do not expose to high temperatures for any length of time.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Consult local authorities for acceptable exposure limits.

Preventive Measures:	Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.
Engineering Controls:	Use local exhaust ventilation to maintain airborne concentrations below the TVL. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it. For guidance on engineering control measures refer to publications such as the ACGIH current edition of 'Industrial Ventilation, a manual of Recommended Practice.'
Personal Protection	
Eye Protection:	Liquid chemical goggles or full face shield. No contact lenses should be worn. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin Protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Cover as much exposed skin as possible with appropriate clothing. If skin creams are used, keep the area covered by the cream to a minimum.
Respiratory Protection:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Hands:	Chemical-resistant, impervious gloves such as natural rubber or polyvinyl alchol complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Work Hygienic Practices:	Follow the usual precautionary measures for handling chemicals. Keep away from food and beverages. Immediately remove all soiled and contaminated clothing. Avoid contact with eyes, skin and clothing. Wash hands after use. Wash all contaminated clothing and shoes before reuse. Wash hands after use, before eating, drinking, smoking, or using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General Appearance Information

Physical State:	Liquid
Color:	Opaque White to Amber
Odor:	Slightly Ammoniacal

Important Health, Safety and Environmental Information

Molecular Weight:	N/A
Boiling Point:	>300°F

Melting Point/Freeze Point:	<32°F (<0°C)
Flash Point:	Not Established
Limits – LEL% UEL%	Not Established
Solubility: (water)	Moderate
Vapor Pressure:	Not Established
Vapor Density: (air=1)	Not Established
Specific Gravity: (H^20=1)	10.7 lbs/gal.
Volatile Organic Compounds (VOC):	0 grams/liter

SECTION 10: STABILITY AND REACTIVITY

Stability and Reactivity:	The product is stable.
Incompatibility *(Materials to Avoid):*	Avoid contact with isocyanates and other substances that react with hydroxyl groups.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Aliphatic fragments, CO, NH3, CO2

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Data

	Test	Result	Route
Animal	LD50	NE	Ingestion
	LD50	NE	Dermal
	LC50	NE	Inhalation
	LC50	NE	Aquatic
		NE	Eyes
		NE	Skin

Potential Acute Health Effects: May cause irritation to the throat and respiratory passages but at room temperature, vapor inhalation is not considered hazardous

SECTION 12: ECOLOGICAL INFORMATION

INFORMATION UNAVAILABLE

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

SECTION 14: TRANSPORTATION INFORMATION

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SECTION 15: REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

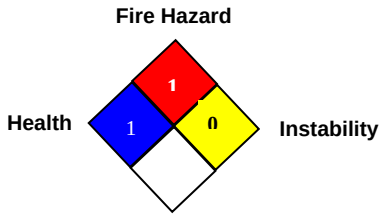
SECTION 16: OTHER INFORMATION

Label Requirements: IRRITATING TO EYES AND SKIN.
HARMFUL IF SWALLOWED.
IRRITATING TO RESPIRATORY TRACT.

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

Health	1
Fire Hazard	1
Reactivity	0

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)



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Preparation Information: This MSDS supersedes ALL previous MSDS versions.