

## SAFETY DATA SHEET – FINISHED FOAM

### SECTION 1: PRODUCT & COMPANY INFORMATION

#### MANUFACTURER OF CHEMICAL COMPONENTS

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#### PRODUCT

Trade name: SEALECTION® 500  
Chemical name: Semi-rigid Urethane Foam Plastic  
Chemical family: Urethane

**EMERGENCY TELEPHONE:** 1-877-DEMILEC (336-4532) or CHEMTREC (800) 424-9300 or CANUTEC (613) 996-6666

### SECTION 2: HAZARDS IDENTIFICATION

Physical State / Odor	Semi-rigid open cellular plastic / Neutral
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#### Emergency Overview / Warning

Routes of Entry	Skin contact, inhalation (only if dust is created during cutting).
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Eye Contact	May cause mechanical irritation to eyes.
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Skin Contact	May cause mechanical irritation to skin.
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Dust Inhalation	May cause mechanical irritation to respiratory system.
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Dust Ingestion	May cause choking if swallowed.
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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	%
Urethane Plastics	9009-54-5	100

### SECTION 4: FIRST AID MEASURES

Eye Contact	Flush with water for 15 minutes.
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Skin Contact	Wash with soap and water thoroughly.
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Inhalation	Remove to fresh air if effects occur. If not breathing, give artificial respiration. If breathing is difficult, assist with oxygen. Consult a physician.
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Ingestion	No adverse effects anticipated by this route.
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**SECTION 5: FIRE FIGHTING MEASURES**

Auto-Ignition Temperature	1040°F (560°C) per ASTM D 1929
Flash Ignition Temperature	932°F (500°C) per ASTM D 1929
Suitable Extinguishing Media	Use water, dry chemical, carbon dioxide or chemical foam.
Hazardous Decomposition	Under fire conditions, carbon monoxide, carbon dioxide, hydrogen products halides and nitrogen oxides.
Special Fire Fighting Procedures	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus with positive pressure.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

No information available. Refer to Section 13.

**SECTION 7: HANDLING PRECAUTIONS**

Eye Protection	Safety glasses during cutting.
Skin Protection	Protective clothing to minimize skin exposure.
Respiratory Protection	Dust mask during cutting.
Ventilation	Use sufficient ventilation to keep exposure to dust at a minimum (below 5 mg/m <sup>3</sup> breathable nuisance dust).

**SECTION 8: EXPOSURE CONTROL****Exposure Limit Values**

Ingredients	OSHA PEL (TWA) – 8 hr	WEEL (AIHA) (TWA) – 8 hr
Urethane Plastics	N/A	N/A

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

Appearance	Semi-rigid open cellular plastic
Odor	Neutral
Density	0.45 – 0.50 lb/ft <sup>3</sup>
Auto-Ignition Temperature	1040°F (560°C) per ASTM D 1929
Melting Point	N/A, Thermoset
Decomposition Temperature	> 260°F (127°C)
Maximum Service Temperature	180°F (82°C)
Solubility in Water	None

**SECTION 10: STABILITY & REACTIVITY**

Stability	This product is considered stable under normal conditions.
Incompatibility	None known
Hazardous Decomposition	Under fire conditions, carbon monoxide, carbon dioxide, hydrogen products halides and nitrogen oxides.
Hazardous Polymerization	None
Corrosive Properties	None
Oxidizer Properties	None
Chemical Resistance	Stable in the presence of most solvents found in binders, bituminous materials, wood preservatives and sealers. Resistant to facers containing plasticizer, fuel, mineral oil, weak acids and weak bases. Resistant to fungi and microbes. UV rays cause a darkening of the foam surface and with time will degrade the surface.

**SECTION 11: TOXICOLOGICAL INFORMATION****Potential Acute Health Effects**

Eye Contact	May cause mechanical irritation to eyes.
Skin Contact	May cause mechanical irritation to skin.
Dust Inhalation	May cause mechanical irritation to respiratory system.
Dust Ingestion	May cause choking if swallowed.

**Potential Chronic Health Effects**

Sensitization	Not known or reported.
Carcinogenic Effects	The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.
Mutagenic Effects	No known significant effects or critical hazards.
Reproductive Effects	No known significant effects or critical hazards.
Developmental Effects	No known significant effects or critical hazards.

**SECTION 12: ECOLOGICAL INFORMATION****Aquatic Toxicity Data For Components Toxicity**

Urethane Plastics	No data on product itself.
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**SECTION 13: DISPOSAL CONSIDERATION**

Waste Disposal Method	The generation of waste should be avoided or minimized whenever possible. Waste must be disposed of in compliance with federal, state, provincial and local environmental control regulations.
Demilec USA has no control over the management practices or manufacturing processes of parties handling or using this material.	

**SECTION 14: TRANSPORTATION INFORMATION**

Technical Shipping Name	Semi-rigid Urethane Foam Plastic, SEALECTION® 500
Primary Hazard Class	N/A
Secondary Hazard Class	N/A
Label Required	None
Placard Required	None
Poison Constituent	N/A
UN Code	N/A
EPA Registration #	N/A
TDG Classification	Non-regulated
WHMIS Classification	Non-regulated

**SECTION 15: REGULATORY INFORMATION**

No information available.

**SECTION 16: OTHER INFORMATION**

This product does not contain nor is it manufactured with ozone depleting substances.

**Notice:** The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the user's responsibility to ensure that its activities comply with country, state, provincial and local laws. This product may present hazards and should be used with caution. While certain hazards are described in this publication, no guarantee is made that these are the only hazards that exist. Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

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