



**DEMILEC** (USA) LLC.  
POLYURETHANE SYSTEMS MANUFACTURER

## MATERIAL SAFETY DATA SHEET

### DEMILEC *SEALECTION*<sup>®</sup> 500 SEMI-RIGID SPRAY POLYURETHANE FOAM

#### SECTION 1: PRODUCT & COMPANY INFORMATION

##### MANUFACTURER OF CHEMICAL COMPONENTS

DEMILEC (USA) LLC  
2925 Galleria Dr.  
Foam Plastic  
Arlington, TX 76011

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1-877-DEMILEC or

CANUTEC: (613) 996-6666

##### PRODUCT

**Trade name:** *SEALECTION*<sup>®</sup> 500  
**Chemical name:** Semi-Rigid Urethane

**Chemical family:** Urethane

##### TDG Classification

Non-Regulated

##### WHMIS CLASSIFICATION

Non-Regulated

#### SECTION 2: INGREDIENTS

INGREDIENTS	%	# CAS	OSHA PEL (TWA) - 8hr	WEEL (AIHA) (TWA)-8hr
Urethane Plastics	100	9009-54-5	Not Listed	Not Listed

#### SECTION 3: PHYSICAL DATA

**Physical State:** Semi-Rigid Open Cellular Plastic  
**Odor:** Neutral  
**Density:** 0.45 to 0.5 pcf  
**Melting Point:** N/A, Thermoset  
**Decomposition Temp.:** > 260°F  
**Max. Service Temp.:** 180°F  
**Solubility in water:** None

#### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

**Auto-Ignition Temperature:** 1040°F, per ASTM D 1929  
**Extinguishing Media:** Use water, dry chemical, carbon dioxide or chemical foam.  
**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus with a positive pressure.

**Hazardous Decomposition:** Under fire conditions, carbon monoxide, carbon dioxide, hydrogen products halides and nitrogen oxides.

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable under normal conditions  
**Incompatibility:** None known  
**Hazardous decomposition:** Under fire conditions; carbon monoxide and dioxide, hydrogen products halides and nitrogen oxides.  
**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 6 - HEALTH HAZARD DATA

**Routes of entry:** Inhalation, skin contact, only if dust is created during cutting.  
**Eye and skin contact with dust:** May cause mechanical irritation to skin and eyes.  
**Dust inhalation:** May cause mechanical irritation to respiratory system.  
**Dust ingestion:** May cause choking, if swallowed.

### SECTION 7 - FIRST AID MEASURES

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

### SECTION 8 - HANDLING PRECAUTIONS

**Eye protection:** Safety glasses during cutting  
**Skin protection:** Protective clothing not necessary  
**Respiration protection:** Dust mask during cutting  
**Ventilation:** Use sufficient ventilation to keep exposure to dust to minimum (below 5mg/m<sup>3</sup> breathable nuisance dust).

### SECTION 9 - DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with Federal, Provincial and local regulations.

### SECTION 10 - TRANSPORTATION INFORMATION

**Proper shipping name:** Semi-Rigid Urethane Foam Plastic  
**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

## SECTION 11 - APPROVALS

Prepared by: Julija Sinanovic, Chemist  
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