



DEMILEC (USA) LLC.
POLYURETHANE SYSTEMS MANUFACTURER

MATERIAL SAFETY DATA SHEET

DEMILEC SEALECTION 500PIP SEMI-RIGID POLYURETHANE FOAM

SECTION 1 : PRODUCT & COMPANY INFORMATION

MANUFACTURER OF CHEMICAL COMPONENTS

DEMILEC (USA) LLC
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PRODUCT

Trade name:

Sealection 500PIP

Chemical name:

Semi-Rigid Urethane Foam Plastic

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:

650-800°F

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/m³ 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, Polyurethane Chemist
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