

## SAFETY DATA SHEET SDS4610 STOPPIT MATS AND SEALS

### 1. Product And Company Identification

Product Identifier: Stoppit Mat Drain Cover  
General Use: Stoppit Mat Drain Cover is designed to block liquids from getting into drain systems  
Product Description: Polyurethane in a square and rectangular shape.  
Supplier: Darcy Products Ltd, as above.

### 2. Composition/Information on Ingredients

Components	wt. %	CAS Registry #
Polyurethane elastomer	>98%	68400-67-9
Nylon cover	<2%	32131-17-2

### 3. Hazards Identification

Potential health effects:

Eye contact: no hazard in normal use of product  
Ingestion: no toxic effects are expected.  
Inhalation: no hazard in normal use of product  
Skin contact: no hazard in normal use of product  
Chronic: not established

### 4. First Aid Measures

Eye Contact: Not applicable  
Ingestion: Not applicable  
Inhalation: Not applicable  
Skin Contact: Not applicable

### 5. Fire Fighting Measures

Flash Point: Not established  
Auto-ignition Temperature: Not established  
Flammable Limits: Not established  
Conditions of Flammability: Not established  
Explosive Properties: Not applicable  
Extinguishing Media: Water, chemical foam, dry chemical or carbon dioxide.  
Special Fire Fighting Procedures: Firefighters should use self contained breathing apparatus. Avoid breathing smoke, fumes, and decomposition products. Use water spray to drench smoldering elastomer. Product may melt after ignition to form flammable liquids.  
Hazardous Combustion Products: Carbon monoxide, oxides of nitrogen and hydrogen cyanide.

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Unusual Hazards: Burning produces intense heat, dense smoke, and toxic gases such as carbon monoxide, carbon dioxide, oxides of nitrogen, sulfur dioxide and traces of hydrogen cyanide.

## 6. Accidental Release Measures

Spill or Leak Procedures: Not applicable.

## 7. Handling and Storage

Handling and Storage Precautions: The Stoppit Mat should be stored in the original container, wrapped in the original plastic film or equivalent.

Storage Temperature: When not in use, should be stored in a cool / dry sheltered compartment (i.e.: out of sunlight)

Storage Pressure: Not applicable

Shelf Life: Approximately 5 years.

General: After use, decontaminate the Stoppit Mat. During use or storage, product has been found to occasionally adhere to itself. Do not let product touch itself. Due to the nature of soft urethane, the physical properties of this product may change over time with exposure to certain environmental conditions, like temperature, humidity and UV radiation. Please inspect the stored product regularly to ensure it is in a usable state.

## 8. Exposure Controls/Personal Protection

Engineering Controls: None required

Personal protection:

Eyes: None required

Respirator: None required

Gloves: None required

Other: Do not cut Stoppit Mat Drain Cover with hot wire or hot branding unless local exhaust is sufficient to maintain isocyanate fumes below the TLV for TDI (0.005 ppm TWA / 0.02 ppm STEL) or MDI (0.005 ppm TWA). In addition, an air purifying respirator with an organic cartridge is required.

## 9. Physical and Chemical Properties

Appearance: Orange polyurethane rubber

Physical State: Solid

Odor: Slight or no odor

Odor Threshold: Not applicable

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Specific Gravity: approx 1.26

Solubility in Water: Insoluble

Coefficient of Water/Oil Distribution: Not available

pH: Not applicable

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Evaporation Rate: Not applicable  
Boiling Point: Not applicable  
Melting Point: 380°F (193°C). Will degrade above 280°F (138°C).

## 10. Stability and Reactivity

General: This is a stable material.  
Conditions of Reactivity: Not established  
Incompatible Materials: May be affected by strong acids and bases  
Conditions to Avoid: Hot wire and hot branding. High temperatures and prolonged exposure to humid conditions have been known to cause degradation of Stoppit material.  
Hazardous Decomposition: Decomposition through burning produces fumes consisting of organic particulate, gaseous hydrocarbons, carbon dioxide, carbon monoxide, and may contain traces of Toluene Diisocyanate or Diphenylmethane Diisocyanate, Hydrogen cyanide, Acrolein and oxides of nitrogen.  
Hazardous Polymerization: Will not occur

## 11. Toxicological Information

LD50: Not available  
LC50: Not available  
Carcinogenicity: IARC: Not established  
National Toxicology Program: Not established  
OSHA: Not established  
California Prop 65: No listed ingredient  
Reproduction Toxicity: Not available  
Teratogenicity: Not available  
Mutagenicity: Not available  
Synergistic Products: Not available  
Irritancy of Product: See Section 3.  
Sensitization to Product: Not available

## 12. Ecological Information

No data available

## 13. Disposal Considerations

Waste Disposal Method: If unused, not considered a hazardous material. Dispose of material according to federal, state, and local laws.

## 14. Transport Information

DOT (Department of Transportation):  
Proper Shipping Name: Not regulated  
Hazard Class: Not regulated  
Identification Number: Not applicable

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## 15. Regulatory Information

CERCLA (Comprehensive Environmental Response  
Compensation and Liability Act):

OSHA Hazard Communication Standard, 29 CFR 1910.1200:

SARA Title III (Superfund Amendments and Reauthorization Act):

TSCA (Toxic Substances Control Act):

No Reportable Quantity

No listed ingredient

No listed ingredient

All ingredients are listed.

## 16. Other Information

NFPA Hazard Ratings: none → extreme (0 → 4)

Health 0

Fire 1

Reactivity 0

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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