



Hydroshield

Safety Data Sheet

Date of issue: February 14, 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Honeycomb sandwich panels

Trade name : Hydroshield

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only

Use of the substance/mixture : Protection board used with MM6125® membrane.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

Hydrotech Membrane Corporation

10951 Parkway

H1J 1S1 Anjou (Québec) - Canada

T 1-514-353-6000

info@hydrotechmembrane.ca - www.hydrotechmembrane.ca

1.4. Emergency telephone number

Emergency number : Professional Emergency Resource Services (PERS) Domestic/Canada: 1-800-633-8253
International : 1-801-629-0667
POISON CONTROL CENTER (QC 24 hours): 1-800-463-5060

SECTION 2: Hazards identification

When using or handling Hydroshield panels, as supplied, there are very low hazards with this product. Rough edges of panels could result in minor cuts to hands. It is recommended that suitable gloves are worn to prevent cuts or scraps.

When cutting, shaping or modifying Hydroshield panels, other hazards may exist.

POTENTIAL HEALTH EFFECTS

Eyes: Dust from cutting may result and mechanically irritate the eyes

Skin: No known hazards other than cuts or scraps referenced above

Ingestion: Dust or debris from cutting may irritate the throat, mouth and stomach

Inhalation: Inhalation of fine dust, from cutting or sanding, may cause irritation of the respiratory system

Chronic: No known chronic health effects

SECTION 3: Composition/information on ingredients

This product contains a proprietary blend of components encapsulated within a polymer matrix. These components are not considered to be hazardous chemicals per 29 CFR 1910.1200. The primary composition of this product is polypropylene. Depending upon product grade, additional ingredients could include talc. Depending upon the colour, additional ingredients, in small concentrations, could include pigments for colouration such as carbon black and/or titanium dioxide.

SECTION 4: First aid measures

The following apply should the Hydroshield panels be cut, sanded or otherwise processed which generates dust or debris.

Eye Contact

Wash immediately with plenty of water. If irritation persists, get medical attention.

Ingestion

If swallowed, do not induce vomiting. Get medical attention.

Inhalation

Move to fresh air. If irritation persists, get medical attention.

Hydroshield

Safety data sheet

SECTION 5: Fire-fighting measures

Flammability Classification: 1

Suitable Extinguishing Media

Foam, CO₂, Dry Chemical and Water Fog

Hazardous Combustion Products

Burning may produce carbon monoxide, carbon dioxide, hydrocarbons and other possible toxic combustion products.

Special Exposure Hazards

In its supplied form, this product offers no unusual fire and explosion hazards. Dust and fumes generated from this product could present and explosion hazards.

Special protective equipment for fire-fighters

Use self-contained breathing apparatus and chemical-protective clothing.

SECTION 6: Accidental release measures

As supplied, the product presents no risk of spill or release.

SECTION 7: Handling and storage

Handling

If the product is cut or sanded, avoid exposure to dust and debris. Provide appropriate local ventilation and machinery and at places where dust can be generated. In case of insufficient, wear suitable respiratory equipment.

Storage

No special storage conditions are required. If multiple pallets of products are stacked, take appropriate measures to avoid leaning or tipping of pallets.

SECTION 8: Exposure controls/personal protection

Personal Protective Equipment

Respiratory Protection

Not required under normal handling and processing. Should conditions exist that require respiratory protection, a NIOSH/MSHA approved respirator should be worn.

Eye Protection

When cutting or processing the product, wear safety glasses with side shields.

Body Protection

Wear protective gloves to avoid accidental cuts or scraps that could occur when handling the edges of the product.

SECTION 9: Physical and chemical properties

Physical Form:	Honeycomb sandwich sheets
Material Density:	0.90 to 0.98 g/cc (not product density)
Appearance:	Opaque
Odour:	None
Solubility in water:	None
Melting Point:	
Boiling Point:	
Flash Point:	
Auto Ignition Temperature:	>357°C (675°F)

SECTION 10: Stability and reactivity

Chemical Stability

Hydroshield

Safety data sheet

Stable

Conditions to Avoid

Do not store product near heat or flame. When cutting or sanding, minimize dust generation and accumulation.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, hydrocarbons and other possible toxic substances can be generated during thermal decomposition and combustion.

SECTION 11: Toxicological information

SECTION 12: Ecological information

Ecotoxicity

Polypropylene is an inert polymer and is believed to not to contribute to environmental toxicity.

Persistence and Degradability

The product is not degradable in natural environments

Bioaccumulative Potential

No information available.

Recyclability

100% recyclable polypropylene. Recycle code 5.

SECTION 13: Disposal considerations

Waste treatment methods

Dispose of in accordance with local, state and federal regulations.

SECTION 14: Transport information

Transportation Regulation

Product is not regulated for transportation

SECTION 15: Regulatory information

U.S. Toxic Substances Control Act (TSCA): All components comprising this product are either exempt or listed on the TSCA Inventory.

SARA Section 313 Toxic Chemical List: No components listed.

California Proposition 65: No components listed.

SECTION 16: Other information

HMIS Ratings: Health: 0
Flammability: 1
Physical Hazard: 0

This information is based on our current knowledge and is intended to describe the product for health, safety and environmental purposes. It should not be interpreted as guaranteeing any specific property of the product.