

MATERIAL SAFETY DATA SHEET
(Approved by U.S. Department of Labor "Essentially Similar"
to Form LSB-OOS-4)

IDENTITY (As used on label)

Rooting Sponge

SECTION ONE

Manufacturer's Name

**Hydrodynamics International
5711 Enterprise Dr.
Lansing, MI 48911**

Emergency Telephone Number

517-887-2007

Date Prepared

June 20, 2001

SYNONYMS: HDI Rooting Sponge

SECTION TWO - INGREDIENTS

Chemical and/or Common Name	CAS Number	ACGIH TLV
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Sphagnum Peat Moss	N/A	N/A
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Polyether Polyurethane Foam	N/A	N/A
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Hazardous Components: This product is not manufactured to contain a reportable hazardous component as defined in 29 CFR 1910, 1200.

SECTION THREE - PHYSICAL DATA

Boiling Point

Not Applicable

Specific Gravity (H₂O=1):

0.5-0.7

Vapor Pressure (mm Hg.)
(DNA)

Melting Point

350°F (decomposes)

Vapor Density (AIR = 1)

Not Volatile

Evaporation Rate (Butyl Acetate=1)

Not volatile

Solubility in Water

Insoluble

Appearance and Odor

Brown to Black,
practically odorless

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used)

500°F COC

Extinguishing Media

Water spray, dry chemical, carbon
dioxide

Special Fire Fighting Procedures

Use self contained breathing equipment

Unusual Fire and Explosion Hazards

Combustion may produce Toluene, carbon monoxide, hydrogen cyanide and nitrogen oxide fumes due to urethane content.

SECTION FIVE - HEALTH HAZARD DATA

Stability

Stable

Conditions to Avoid

High heat

Incompatibility (Materials to Avoid)

Strong oxidizers, flame

Hazardous Decomposition or Byproducts

Toluene, Carbon monoxide, Hydrogen cyanides, Nitrogen oxides

Hazardous Polymerization

Will Not Occur

SECTION SIX - HEALTH HAZARD INFORMATION

Health Hazards (Acute and Chronic)

Product as shipped contains particles in respirable size range.

Carcinogenicity

As with all polyurethanes this foam may contain small quantities of Toluene Diamine, a carcinogen

Signs and Symptoms of Exposure

None known

FIRST AID

IN CASE OF EYE CONTACT: Should irritation of eye occur flush with water. If condition persists consult a physician.

IN CASE OF SKIN CONTACT: The compound is not hazardous by skin contact.

IF INHALED: Product is not respirable. However, should inhalation occur and victim is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

IF SWALLOWED: No specific intervention is indicated as the compound is not hazardous by ingestion. However, if symptoms occur, consult a physician.

SECTION SEVEN - DISPOSAL INFORMATION

AQUATIC TOXICITY

No information available.

SPILL, LEAK, OR RELEASE

Note: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up.

WASTE DISPOSAL

Comply with Federal, State, and Local regulations. If approved, may be transferred to a land disposal site. This product, if disposed as received, is a non-hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid high heat over 300°F

SECTION EIGHT - CONTROL MEASURES

GENERALLY APPLICABLE CONTROL MEASURES AND PRECAUTIONS

None required

PERSONAL PROTECTIVE EQUIPMENT

None required

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