

SAFETY DATA SHEET

Divinycell H / HP / HT / Matrix / HCP Issue date: 2009-06-15 Revised: 2014-05-08 Revision: 5 Page 1(4)

1. PRODUCT IDENTIFICATION

Product: **DIVINYCELL H** H45, H60, H80, H100, H130
DIVINYCELL HP HP60, HP80, HP100, HP130, HP 160, HP200, HP250
DIVINYCELL HT HT61, HT81, HT101, HT131
DIVINYCELL MATRIX MATRIX 7-7, MATRIX 10-8, MATRIX 11-9
DIVINYCELL HCP HCP30, HCP50, HCP70, HCP90, HCP100

Supplier: **DIAB Inc**
315 Seahawk Drive
Desoto, TX 75115

Contact: **Infotrac**
1-800-535-5053

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	CONTENT	SYMBOLS	R-PHRASES
PVC	9002-86-2	30-75 %	--	--
Aromatic polyurea	--	15-50 %	--	--
Polyamide	--	3-10 %	--	--

These materials are rigid polymeric foams made of alloys of PVC, aromatic polyurea and polyamide.

3. PHYSICAL AND CHEMICAL CHARACTERISTICS

Form	Chemically inert rigid polymer foam sheet
Boiling Point	N/A
Vapor Pressure (mm Hg)	N/A
Vapor Density (Air = 1)	N/A
Solubility in Water	None
Appearance and Odor	Foam slabs or sheets / no odor
Specific Gravity (H2O = 1)	0.03 - 0.3
Melting Point	N/A
Evaporation Rate	N/A



Tel +1 (972) 228-7600
Fax +1 (972) 228-2667
E-mail: info@us.diabgroup.com
Web Site: www.diabgroup.com

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4. FIRST-AID MEASURES

- Inhalation:** Fresh air.
- Skin contact:** No special measures.
- Eye contact:** By direct contact with shavings or dust, irrigate with flowing water. Consult medical personnel if irritation persists.
- Ingestion:** Consult medical personnel if large amounts have been swallowed.

5. FIRE-FIGHTING MEASURES

Oxygen Index > 24% by ASTM D2863
Self Extinguishing by ASTM 1692
Flammable by direct flame only
Hazardous combustion products:
Hydrogen chloride (HCl) and hydrogen cyanide (HCN) can be developed.
Extinguishing media:
Use foam, carbon dioxide, dry chemical, water fog, earth or sand.
Use breathing apparatus against combustion products.

6. MEASURES TO TAKE IN THE EVENT OF ACCIDENTAL LEAKAGE

Spills Not Applicable (Solid Foam form)

7. HANDLING AND STORAGE

Dust can be produced during mechanical process. Use local dust collection system.

Long term storage should be in a cool < 104°F (<40°C) and dry place, away from combustible material. Avoid exposure to temperatures in excess of 122 °F (50°C) during transportation or short term storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exhaust ventilation may be required for sawing or other processing generating dust.

Grinding and hot work, which could release decomposition products, must not be performed without proper precautions against exposure.

Personnel allergic to isocyanates are recommended not to work with processing the product.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colored blocks or sheets of solid foam with visible cell structure.

Solubility in water: Not soluble.

10. STABILITY AND REACTIVITY

Stability Can be used at temperatures of 170 – 189 °F (77 – 87 °C)
Thermally stable to 210 °F (100 °C)
Avoid exposure to temperatures exceeding 300 °F (150°C)

Decomposition by Products HCl, CO, CO₂, HCN, NO_x during fire conditions

Polymerization N/A – Will not occur

11. TOXICOLOGICAL INFORMATION

No known hazards by handling the product at normal temperatures.

By sawing and during other processes the temperature rises due to friction, traces of hydrochloric acid and isocyanates may be released. Irritation of the upper respiratory tract is possible by insufficient ventilation and personnel already sensitized to isocyanates may respond.

12. ECOLOGICAL INFORMATION

Limited test results to assess environmental hazard are available, but due to its form, Divinycell is considered not to be harmful. The product is not soluble in water.

This product is manufactured without CFC's or any other products which act in an ozone depletion manner

13. DISPOSAL CONSIDERATIONS

Non-flammable organic waste.

Not environmentally hazardous waste (SFS 2001:1063).

Waste class: Not hazardous waste (NFS 2004:10). Waste code (EWC): 070213.

Consult local authorities when handling larger quantities of waste.



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14. TRANSPORT INFORMATION

No known restrictions for Air, Sea, Rail or Ground transportation.

15. REGULATORY INFORMATION

Not hazardous according to DOT label regulations.

TSCA 8(b): Inventory Status:

All non-polymer ingredients of these materials are listed in the EPA Toxic Substance Control Act Inventory.

HMIS Rating:

Health:	0
Flammability:	0
Reactivity:	0

16. OTHER INFORMATION

The information contained in this safety data sheet corresponds with our actual knowledge and experience. It is the user's responsibility to determine the conditions for safe use of this product and consider laws and regulations.

REACH (Registration, Evaluation, and Authorization of Chemicals) regulation for chemical substances entered into force in the European Union, on 1 June 2007 (EG 1907/2006). Products are only affected by REACH regulation if they contain dangerous substances or contain substances intended to be released from the product during normal use.

DIVINYCELL is a product that does not contain dangerous substances and have no substance intended to be released during normal use and is consequently not regulated by REACH.

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