SAFETY DATA SHEET

Divinycell H, HP, HM, HCP, HT, CY, Matrix and MC

1. Identification of the substance/Preparation and of the company

Product name: **Divinycell H, HP, HM, HCP, HT, CY Matrix and H60MC**

Uses of substance: Structural foam core material for composite laminates, insulation and buoyancy applications.

Supplier: **Diab International AB**
Norra Sofieroleden 8
312 32 Laholm

Producing units: **Diab AB, Diab New Materials Co., Ltd., Diab SpA**

Contact: **Diab AB**
Tel: +46 430 163 00

2. Hazards Identification

The foam material is **not hazardous** under normal handling and storage conditions.

When exposed to a direct flame, the material will generate acid HCl gas from thermal decomposition. The primary hazard is dust generation during processing with cutting, sanding and sawing operations. Dust mask protection should be used when performing these types of operations. The dust will ignite if given sufficient ignition source. The dust should be processed in a way to avoid static sparks and accumulation of extra dust in the manufacturing area with good cleaning practices in the manufacturing areas.

3. Composition/Information on ingredients

Chemical name	CAS no.	EC no.	Content	Symbols	R-Phrases
Polyvinyl chloride, PVC	9002-86-2	618-338-8	30-75%	-	-
Aromatic polyurea	26337-70-2	-	15-50%	-	-
Polyamide	63428 -84-2	-	3-10%	-	-

The material composition is based on PVC, polyurea, polyamide.

Divinycell is an article and does not contain hazardous ingredients or any substance intended to be released during normal use.

4. First-Aid Measures

Inhalation: No fumes or inhalation hazard at normal use temperatures. Molten plastic may emit fumes; exposed individuals should be moved to fresh air.

Skin contact: Foam is not irritating to skin.

Eye contact: By direct contact with shaving or dust, irrigate with flowing water. Consult medical personnel if irritation persists.

Ingestion: Material is non-toxic, consult medical personnel if large amounts have been swallowed

5. Fire Fighting Measures

The material is not flammable, only by direct flame.

Extinguishing Media: Water, dry chemical, foam, or carbon dioxide

Fire Fighting Procedures and protective gear: Use breathing apparatus against combustion products

Special hazards: Carbon oxide (CO), hydrogen chloride (HCl) and hydrogen cyanide (HCN) can be developed

6. Accidental Release Measures

Spills: Not applicable because material is solid foam form. However, processing shavings dust may be formed, collect this carefully, preferably with a vacuum cleaner.

7. Handling and Storage

Dust can be produced during mechanical process. Use local dust collection system and ensure good ventilation. No special requirements other than to store away from sources of combustion.

Long-term storage should be in a cool and dry place, away from combustible material. Avoid temperatures above 50°C.

8. Exposure Controls / Personal Protection

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

Grinding and hot work may release traces of degradation substances and should not be performed without precautions against exposure (e.g. dust evacuation).

9. Physical and Chemical Properties

Appearance:	Tan sheets of solid foam with visible cell structure.	**Solubility in water:**	Not soluble
Form:	Chemically inert rigid polymer foam sheet	**Odor:**	No odor
Boiling point:	N/A	**Density:**	30-400 kg/m^3
Vapor pressure:	N/A	**Melting point:**	N/A
Vapor density:	N/A	**Evaporation rate:**	N/A

10. Stability and Reactivity

Chemical stability: Stable under normal temperatures and pressures, up to 140°C. A color change may occur at higher temperatures

Conditions to avoid: Temperatures above 225°C (440°F) in the presence of oxygen.

Incompatibility with other materials: Can react with strong oxidizers, strong bases and strong acids.

Decomposition: Hazardous decomposition product include carbon dioxide, carbon monoxide and HCl.

Polymerization: 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 that act in an ozone depletion manner.

13. Disposal Considerations

The foam material is not classified as a hazardous waste material. Consult local authorities when handling larger quantities of waste

- Not flammable organic waste
- Not environmentally hazardous waste
- Waste class: Not hazardous waste
- Waste code (EWC): 07 02 13

14. Transport Information

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

15. Regulatory Information

Divinycell foam does not require special marking or labeling.

16. Other Information

The information contained in this safety information 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.

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.

Diab is not a producer of chemicals and are not obliged to provide Safety Data Sheets according to OSHA's Hazard Communication Standard (HCS).

This Safety Information or Safety Data Sheet is provided to follow good industry practice and to offer customers and users of Diab products relevant data and information, thus contributing to a safe handling and usage of Diab products during their lifetime.