1. Identification of the Substance/Preparation and of the Company/Undertaking

ROHACELL ® HF (Type: 31, 51, 71)

Röhm GmbH & Co. KG, Chemische Fabrik
D-64275 Darmstadt
+49 (0) 6151 - 18 - 01
Emergency Number +49 (0) 6151 - 18 43 42
Information provided by +49 (0) 6151 - 18 49 72

2. Composition/Information on Ingredients

Foam plastic on the basis of polymethacrylimide

3. Hazards Identification

No particular hazards known.

4. First Aid Measures

After contact with eyes
If mechanical irritation occurs flush eyes thoroughly with a large amount of water, consult a physician if irritation persists. (possible during machining processes)

5. Fire-fighting Measures

Suitable extinguishing media
foam, carbon dioxide, dry chemical, water spray
Unsuitable extinguishing media for safety reasons
full water jet
Special protective equipment for fire fighting
Wear self-contained breathing apparatus.

6. Accidental Release Measures

Methods of cleaning / adsorption
Take up mechanically. Dispose of in accordance with regulations.

7. Handling and Storage

Handling
Instructions on safe handling
During thermal processing and/or machining extraction at processing machines is necessary.
Information on fire and explosion protection
No special measures required.
8. Exposure Controls/Personal Protection

Personal protective equipment

Hygiene measures
Follow the usual good standards of occupational hygiene. Use skin protective preparation as preventive skin protection.

Respiratory protection
dust mask may be required for machining operations

Hand protection
not required

Eye protection
goggles for machining operations

9. Physical and Chemical Properties

Appearance
Form : sheets
Colour : white
Odour : odourless

Data relevant to safety

Changes in physical state
Softening Temperature not applicable
Boiling Temperature not applicable
Flash point not determined
Ignition temperature approx. 350 - 600 °C (with and without flame)
Spontaneous ignition not determined
Lower explosion limit not applicable
Upper explosion limit not applicable
Vapour pressure not determined
Density 0,03 - 0,071 g/cm3 at 20 °C (depending on type)
Solubility in water insoluble
Solubility (qualitative) partly soluble in dimethyl formamide
pH-value not applicable
Viscosity (dynamic) not applicable
Further information none

10. Stability and Reactivity

Thermal decomposition
> 350 °C

Hazardous reactions
No hazardous reactions known.

Hazardous decomposition products
Hazardous decomposition products: carbon monoxide, nitriles
11. Toxicological Information

Further information on

Toxicological data are not available. Inhaling of product dusts should be avoided.

12. Ecological Information

Information on elimination (persistence and degradability)

Ecotoxicological effect

Further information on ecology

Product is insoluble in water

13. Disposal considerations

Product

Waste is non-hazardous. It should be disposed of in accordance with the regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.

Uncleaned packaging

Uncontaminated packaging may be taken for recycling.

Code of waste EWC

12 01 05

wastes from shaping and physical and mechanical surface treatment of metals and plastics - plastic shavings and turnings

Always check the given waste codes according to the actual conditions of manufacturing, formulation or use in your facilities.

14. Transport Information

Further information

Not a dangerous good within the meaning of transportation regulations.

15. Regulatory Information

Labelling in accordance with EC-directive

not applicable

Additional Information on Classification

On the basis of the toxicological and ecotoxicological findings on analogue products we have available up to now, labelling according to EC-directive 1999/45/EC does not apply.

Status of Registration

EINECS/ELINCS : listed

16. Other Information

Miscellaneous information

none
Places marked by \textbar{} have been amended from the last version.

The information contained herein relates only to the specific material identified. Röhm GmbH & Co. KG believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. Röhm GmbH & Co. KG urges persons receiving this information to make their own determination as to the information’s suitability and completeness for their particular application.

Date of printing : 05.09.2002