

E.C. Safety Data Sheet

Status: 18.01.2002

Version: 2.

degussa.

Röhm Plexiglas

ROHACELL® HF (Type: 31, 51, 71)

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

ROHACELL® HF (Type: 31, 51, 71)

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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/cm ³ 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

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