

E.C. Safety Data Sheet

Status: 24.02.2005

Version: 1.

degussa.

Röhm Plexiglas

ROHACELL® RIST

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

ROHACELL® RIST

Recommended use(s):

core material for sandwich structures

Röhm GmbH & Co. KG, Chemische Fabrik

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Emergency Number

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Information provided by

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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 a cleaning aspirator at processing machines is necessary.

Information on fire and explosion protection

No special measures required.

8. Exposure Controls/Personal Protection**Occupational exposure controls**

For monitoring procedures refer to for instance "Empfohlene Analysenverfahren für Arbeitsplatzmessungen", Schriftenreihe der Bundesanstalt für Arbeitsschutz and "NIOSH Manual of Analytical Methods", National Institute for Occupational Safety and Health

Personal protective equipment**Hygiene measures**

Follow the usual good standards of occupational hygiene.

Respiratory protection

dust mask may be required for machining operations

Hand protection

protective gloves against mechanical risks according to EN 388

General information

Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

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 applicable |
| Density | 0,03 - 0,20 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 |

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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

General information

The product has not been tested toxicologically. When handled and used as directed the product will not cause hazardous effects to health according to studies on similar products and practical experience. Inhaling of product dusts should be avoided.

12. Ecological Information

General information

The product has not been tested ecotoxicologically. On the basis of the products consistency as well as its low water solubility a bioavailability is unlikely. Studies on products with similar composition confirm this assumption.

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

Untamminated 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 directive 1999/45/EC

not applicable

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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

References

relevant manuals and publications
own examinations
own toxicological and ecotoxicological studies
toxicological and ecotoxicological studies of other manufacturers
SIAR
OECD-SIDS
RTK public files

Places marked by || have been amended from the last version.

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