

ORAC DECOFIX PRO - MATERIAL SAFETY DATA SHEET (2001/58/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Commercial Name: ORAC Decofix Pro

1.2 Use of the substance or the preparation:

Adhesive for decoration material in Polyurethane, Duropolymer and Polystyrene.

Company: ORAC NV
Oudenburgsesteenweg 90
B-8400 Oostende
BELGIUM
Phone: +32 (0)59-80.32.52
Fax: +32 (0)59-80.28.10
Mail: oracinfo@oracdecor.com
Contact: Nico Wynthein

Telephone number for emergency: +32 (0)14-58.45.45
(Brandweerinformatiecentrum voor gevaarlijke stoffen (BIG),
Technische Schoolstraat 43A, B-2440 Geel)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description:

Dispersion of acrylates and additives.

- Hazardous ingredients: none
- CAS-nr.: none
- EINECS-nr.: none
- Conc. in %: none
- Hazard symbol: none
- Risks (R-phrases): none

3. HAZARDS IDENTIFICATION

No hazard classification according to the criteria of Directive 67/548/EEC and Directive 1999/45/EC.

4. FIRST AID MEASURES

After inhalation:

- Remove the victim into fresh air.
- Seek medical advice.

Eye contact:

- Rinse immediately with plenty of water.
- By irritation: Seek medical advice.

Skin contact:

- Rinse immediately with plenty of water.
- If irritation persists: seek medical advice.

After ingestion:

- Never give water to an unconscious person.
- Do not induce vomiting.
- Seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media:

- Non combustible.
- Extinguishing media for surrounding fires:

all extinguishing media allowed.

5.2 Unsuitable extinguishing media:

None.

5.3 Special exposure hazards:

On burning: release of carbon monoxide and carbon dioxide.

5.4 Instructions:

No specific firefighting instructions required.

5.5 Special protective equipment for firefighters:

- Heat/fire exposure: compressed air/oxygen apparatus.
- Protective clothing for exposure to chemicals.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal protection precautions:

See headings 8.1, 8.3, 10.3.

6.2 Environmental precautions:

Use appropriate containment to avoid environmental contamination.

6.3 Clean up:

- Take up liquid spill into inert absorbent material, eg. sand/earth.
- Take collected spill to competent authority.
- Wash clothing and equipment after handling.

7. HANDLING & STORAGE

7.1 Handling

Observe normal hygiene standards.

7.2 Storage:

- Keep container tightly closed.
- Keep away from heat sources.
- Storage temperature: room temperature.
- Storage life: 365 days.
- Materials for packaging: suitable: plastic.

7.3 Specific uses:

See information supplied by the manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:

Not listed.

8.2 Exposure controls:

Use only in well ventilated area.

8.3 Personal protection:

- Eye protection: safety glasses.
- Hand protection: chemically resistant gloves.
- Skin protection: suitable protective clothing.

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- Respiratory protection: respiratory protection not required in normal conditions.

9. PHYSICAL & CHEMICAL PROPERTIES

- Appearance (at 20°C): viscous
- Odour: characteristic
- Colour: white

- Boiling point/boiling range: N.D.
- Flash point: N.A.
- Explosion limits: N.A.
- Relative density: 1,4 (at 20°C)
- Water solubility: insoluble

10. STABILITY & REACTIVITY

10.1 Conditions to avoid / reactivity:

Stable under normal conditions.

10.2 Hazardous decomposition products:

Keep away from heat sources.

10.3 Hazardous decomposition products:

On burning: release of carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

- There are no hazardous ingredients in this product.
- No toxicity information is listed.
- Routes of exposure: ingestion, inhalation, eye and skin.
- Acute effects/symptoms: practically non-toxic.
- Chronic effects: none known.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No data available.

12.2 Mobility:

- Volatile organic compounds (VOC): 0%.
- Insoluble in water.
- Substance sinks in water.

For other physicochemical properties see section 9.

12.3 Persistence & degradability:

No data available.

12.4 Other adverse effects:

WGK: 1 (Classification based on the components in compliance with Verwaltungsverordnung wassergefährdender Stoffe (VwVwS) of 17 May 1999).

Effect on the ozone layer: not dangerous for the ozone layer (1999/45/EC).

13. DISPOSAL CONSIDERATIONS

13.1 Provisions relating to waste:

- Waste code (Germany): 55905
- Waste material code (75/442/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001) 08 04 10 (waste adhesives and sealants other than those mentioned in 08 04 09)
- Waste material code (Flanders): 512

13.2 Disposal methods:

Remove to an authorized waste treatment plant.

13.3 Packaging:

Waste material code packaging (75/442/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001) 15 01 02 (Plastic packaging).

14. TRANSPORT INFORMATION

14.1 Classification of the substance in compliance with UN Recommendations:

Class: not subject

14.2 ADR (transport by road):

Class: not subject

14.3 RID (transport by road):

Class: not subject

14.4 ADNR (transport by inland waterways):

Class: not subject

14.5 IMDG (maritime transport):

Class: not subject

14.6 ICAO (air transport):

Class: not subject

14.7 Special precautions in connection with transport:

Not restricted for any mode of international transport.

15. REGULATORY INFORMATION

Labelling in accordance with EC directives 67/548/EEC and 1999/45/EC.

Labelling not required according to available information.

16. OTHER INFORMATION

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

TLV: Threshold Limit Value

OES: Occupational Exposure Limits

MEL: Maximum Exposure Limits

MAK: Maximale Arbeitsplatzkonzentrationen

TRK: Technische Richtkonzentrationen

MAC: Maximale aanvaarde concentratie

VME: Valeurs limites de moyenne d'exposition

VLE: Valeurs limites d'exposition à court terme

GWBB: Grenswaarde beroepsmatige blootstelling

GWK: Grenswaarde kortstondige blootstelling