

DECLARATION

For the following equipment:

MOULDINGS IN POLYURETHANE: ORAC DECOR®

(Product Name)

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

CHARACTERISTICS:

Density: $\pm 215 \text{ kg/m}^3$ (*) (*) this value is variable
Composition: Polyurethane This is a composition of:
- Polyol preparate (42%)
Amlkylaminopoluol
Diethylmethylbenzeendiamine
Alkylaminocarbonzuuramide
- Difenylmethane-diisocyanate (58%)
This product is free of CFC.
This product is free of asbestos.
This product is free of cyanides.

Hardness: ca. 35 Shore D (*) this value is variable
Thickness: This is variable: 8 mm to 30 mm.
Surface: Every product has a one component paint on methylethylketone basis.
Toxicity: The product itself has low oral toxicity as has been demonstrated in animal feeding test.
The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low,
it is an inert dust.

Flame retardant: The standard material is not flame retardant.
It is possible to apply for the German Standard DIN 4102 B2 (normal entflammbar)
after slight adaptation of composition.

The following manufacturer is responsible for this declaration:

ORAC DECOR, Oudenburgsesteenweg 90, 8400 Oostende
Oostende, Mai 16nd, 2002
BELGIUM

POLYURETHANE RIGID FOAM

1. TECHNICAL DATA

1.1 *Material:*

Integral foam.

1.2 *Density:*

± 215kg/m³

1.3 *Hardness:*

Above 30 shore D

1.4 *Ozon depletion factor:*

0 (cfc free, waterblown)

1.5 *Temperature range without degradation:*

-20°C / +80°C

1.6 *Ignition temperature:*

Higher than 350°C.

1.7 *Coefficient of linear thermal expansion:*

40-60 . 10-6m/k m

1.8 *Fire retardant:*

It is possible to make the polyurethane material Flame retardant.

1.9 *Primed:*

One component paint. Primer will accept any qualitative paint.

2. CHARACTERISTICS

2.1 *Chemical properties:*

Does not deteriorate and resistant to most common solvents and moisture.

2.2 *Physical properties:*

Shock and splitting resistant.

2.3 *Influence of time:*

Dimensionally stable: will not alter by time.

2.4 *Influence by humidity:*

Has no influence on the mechanical properties.

2.5 *Influence of sound:*

Polyurethane is acoustically neutral.

2.6 *Influence of light and sun:*

Not UV-resistant. UV-resistant after final painting.

2.7 *Toxic:*

The product itself has low oral toxicity as has been demonstrated in animal feeding tests. The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low but some authors consider that the foam dust should not be regarded merely as an inert 'nuisance dust'.

POLYURETHAAN HARDSCHUIM

1. TECHNISCHE INFORMATIE

1.1 *materiaal:*

Integraal hardschuim.

1.2 *Dichtheid:*

± 215kg/m³

1.3 *Hardheid:*

Shore D: groter dan 30

1.4 *Ozon verdunningsfactor:*

0 (cfc vrij, watergeblazen)

1.5 *Temperatuurgebied zonder verlaging:*

-20°C / +80°C

1.6 *Ontstekingstemperatuur:*

Hoger dan 350°C.

1.7 *Coefficient van lineaire thermische expansie:*

40-60 . 10-6 m/K m

1.8 *Brandbestendig:*

Het is mogelijk om deze producten brandvertragend te maken.

1.9 *Afwerking:*

Bevat reeds een 1 componentige verf. De verf aanvaardt elke kwalitatieve verf.

2. EIGENSCHAPPEN

2.1 *Chemische eigenschappen:*

Bestendig gedurende korte tijd tegen de meeste algemene oplosmiddelen en water.

2.2 *Fysische eigenschappen:*

Schokbestendig en bestendig tegen barsten.

2.3 *Invloed van de tijd:*

Dimensioneel stabiel: zal niet veranderen gedurende de tijd.

2.4 *Invloed van de vochtigheid:*

Heeft geen invloed op de mechanische eigenschappen.

2.5 *Invloed van het geluid:*

Polyurethaan is akoestisch neutraal.

2.6 *Invloed van licht en zon:*

Niet UV-resistent. De afwerkingsverf zorgt voor de UV-stabiliteit.

2.7 *Giftig:*

PU is niet als gevaarlijke stof geclassificeerd.

DECLARATION

For the following equipment:

MOULDINGS IN DUROPOLYMER®: ORAC AXXENT®

(Product Name)

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

CHARACTERISTICS:

Density: ca. 400 kg/m² (*) (*) this value is variable
Composition: Polymer Polystyrene: 95 %

This product is free of CFC.
This product is free of asbestos.
This product is free of cyanides.

Hardness: ca. 55 – 60 Shore D (*) (*) this value is variable

Thickness: This is variable: 5 mm to 27 mm.

Surface: Every product has a one component paint on water basis.

Toxicity: The product itself has low oral toxicity as has been demonstrated in animal feeding test.
The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low,
it is an inert dust.

This material is conform the following norms and standards:

- FDA regulation 21CFR 177.1640 (America)
- BGA section 5.1 (Germany)
- EC Directive EEC 90/128 (European Communities)
- EN 71 (European Communities)

LD 50 orale > 2000 mg/kg

LD 50 dermale > 2000 mg/kg

Fire fighting measures: Vapour mixes with carbon oxides

Flame retardant: The standard material is not flame retardant.

It is possible to apply for the German Standard DIN 4102 B2 after slight adaptation
of composition (normal entflammbar).

The following manufacturer is responsible for this declaration:

ORAC DECOR, Oudenburgsesteenweg 90, 8400 Oostende
Oostende, Mai 16nd, 2002
BELGIUM

DUROPOLYMER®

1. TECHNICAL DATA

1.1 *Material:*

Foamed polystyrene.

1.2 *Density:*

950 kg/m³

400 kg/m³ (ORAC Axxent)

1.3 *Hardness:*

Above 70 shore D

Above 40 shore D (ORAC Axxent)

1.4 *Ozon depletion factor:*

0 (cfc free, waterblown)

1.5 *Melting temperature:*

170-190°C

1.6 *Coefficient of linear thermal expansion:*

40-60 . 10⁻⁶m/k m

1.7 *Primed:*

A primer is applied to all products. This surface will accept any qualitative paint.

2. CHARACTERISTICS

2.1 *Chemical properties:*

Does not deteriorate and resistant to most common solvents and moisture.

2.2 *Physical properties:*

Shock and splitting resistant.

2.3 *Influence of time:*

Dimensionally stable: will not alter by time.

2.4 *Influence by humidity:*

Has no influence on the mechanical properties.

2.5 *Influence of sound:*

Polyurethane is acoustically neutral.

2.6 *Influence of light and sun:*

UV-resistant.

2.7 *Toxic:*

The product itself has low oral toxicity as has been demonstrated in animal feeding tests. The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low but some authors consider that the foam dust should not be regarded merely as an inert 'nuisance dust'.

DUROPOLYMER®

1. TECHNISCHE INFORMATIE

1.1 *materiaal:*

Geschuimde Polystyreen.

1.2 *Dichtheid:*

950 kg/m³

400 kg/m³ (ORAC Axxent)

1.3 *Hardheid:*

Boven de 70 shore D

Boven de 40 shore D (ORAC Axxent)

1.4 *Ozon verdunningsfactor:*

0 (cfc vrij, watergeblazen)

1.5 *Smelttemperatuur:*

170°C- 190°C

1.6 *Coefficient van lineaire thermische expansie:*

40-60 . 10⁻⁶ m/K m

1.7 *Afwerking:*

Ieder product is voorzien van een kwaliteitsvolle grondverf, geschikt voor alle goede afwerkingsverven.

2. EIGENSCHAPPEN

2.1 *Chemische eigenschappen:*

Bestendig gedurende korte tijd tegen de meeste algemene oplosmiddelen en water.

2.2 *Fysische eigenschappen:*

Schokbestendig en bestendig tegen barsten.

2.3 *Invloed van de tijd:*

Dimensioneel stabiel: zal niet veranderen gedurende de tijd.

2.4 *Invloed van de vochtigheid:*

Heeft geen invloed op de mechanische eigenschappen.

2.5 *Invloed van het geluid:*

Polyurethaan is akoestisch neutraal.

2.6 *Invloed van licht en zon:*

De primer heeft een bescherming tegen veroudering door UV-stralen.

2.7 *Giftig:*

PU is niet als gevaarlijke stof geclassificeerd.



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.

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

- 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



ORAC FIX EXTRA - MATERIAL SAFETY DATA SHEET (2001/58/EC)

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

Productname: ORAC FIX EXTRA

Use of the substance or the preparation: Adhesive.

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 AND INFORMATION ON INGREDIENTS

Chemical nature:

Preparation of polyurethane prepolymer.

Hazardous ingredients:

Hazardous ingredient	Cas No. EINECS No.	Conc.	Hazard symbol	Risks
Methylenediphenyl-diisocyanate	26447-40-5 247-714-0	>25	Xn	R20 R36/37/38 R42/43
Benzyl butyl phthalate	85-68-7 201-622-7	2,5-25%	N	R50/53
Diethylmethyl-benzenediamine	68479-98-1 270-877-4	<2,5%	Xn N	R21/22 R36 R48/22 R50/53

3. HAZARDS IDENTIFICATION

- Harmful by inhalation and ingestion.
- Irritating to eyes, skin and respiratory system.
- May cause sensitization by inhalation and skin contact.
- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General:

In case of doubt or with persisting symptoms obtain medical attention.

Inhalation:

- Remove the victim into fresh air.
- Consult a doctor/medical service.

Eye contact:

- Rinse immediately with plenty of water.
- Consult a doctor/medical service.

Skin contact:

- Rinse immediately with plenty of water.
- Consult a doctor/medical service.

Ingestion:

- Never give water to an unconscious person.
- Consult a doctor/medical service.

5. FIRE – FIGHTING MEASURES

5.1 Suitable extinguishing media:

- Water spray
- Polyvalent Foam
- Dry chemical powder
- Carbondioxide

5.2 Unsuitable extinguishing media: none.

5.3 Special exposure hazards:

On burning: release of toxic and corrosive gases/vapours nitrous vapours, carbon monoxide and carbon dioxide.

5.4 Special protective equipment for firefighters:

- Heat/fire exposure: compressed air/oxygen apparatus.

5.5 Instructions

- Dilute toxic gases with water spray.
- Take account of toxic firefighting water.
- Use firefighting water moderately and contain it.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal protection: See 8.2

6.2 Environmental precautions:

- Use appropriate containment to avoid environmental contamination.

6.3 Clean up:

- Solid spill: shovel in (to) closing drums.
- Carefully collect the spill/leftovers.
- Clean contaminated surfaces with an excess of water.
- Wash clothing and equipment after handling.

7. HANDLING & STORAGE

7.1 Handling

- Observe very strict hygiene – avoid contact.
- Do not discharge the waste into the drain.
- Remove contaminated clothing immediately.
- Clean contaminated clothing.
- Use only in well ventilated area.

7.2 Storage

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

7.3 Specific uses

- Glueing mouldings in polyurethane.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:

	TLV-STEL (1)	TLV-TWA (2)
MDI	NONE	0,005 ppm 0,051 mg/m ³

ORAC FIX EXTRA - MATERIAL SAFETY DATA SHEET (2001/58/EC)

(1) TLV: Threshold Limit Value: short time limit value

(2) TLV: Threshold Limit Value: time average mean

8.2 Exposure controls:

Use only in well ventilated area.

8.3 Personal protection:

- Eye protection: safety glasses.
- Protection of the hands: chemically resistant gloves.
- Skin protection: suitable protective clothing.
- Protection of the respiratory system: respiratory protection not required in normal conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance (at 20°C): paste
- Odour: very slight aromatic odour
- Colour: colourless
- Boilingpoint: /
- Melting point: /
- Flash point: not applicable
- Ignition temperature: > 350°C
- Explosion limits: /
- Density: 1,1 g/cm³ (at 20°C)
- Solubility in water: not soluble
- Solubility in other: organic solvents

10. STABILITY EN REACTIVITY

10.1 Conditions to avoid / reactivity:

Stable under normal conditions.

10.2 Materials to avoid:

- Keep away from heat sources.
- Exothermic reaction with amines and alcohols.
- CO₂ formation in reaction with water.

10.3 Hazardous decomposition products:

No hazardous decomposition products traced.

On burning: release of toxic and corrosive gases/vapours nitrous vapours, carbon monoxide en carbon dioxide.

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity:

Benzyl butyl phthalate:

LD 50 oral rat: 2330 mg/kg

LD 50 dermal rat: 6700 mg/kg

LD 50 dermal rabbit: > 10 000 mg/kg

LC 50 inhalation rat: > 6,7 mg/ 0,25 uur

Diethylmethylbenzenediamine:

LD 50 oral rat: 598 mg/kg

LD 50 dermal rat: > 2000 mg/kg

LD 50 dermal rabbit: > 700 mg/kg

LC 50 inhalation rat: > ND mg/ 0,25 uur

11.2 Chronic toxicity

IARC-classificatie: 3 (benzylbutylftalaat)

- Routes of exposure: ingestion, inhalation, eye and skin.
- Acute effects/symptoms:

After inhalation: Irritation of the respiratory tract
Irritation of the nasal mucous membranes.

After skin contact: Tingling/irritation of the skin.

After eye contact: irritation of the eye tissue.

Chronic effects:

May cause sensitization by skin contact.

May cause sensitization by inhalation.

Not classified as toxic to reproduction (EC).

on continuous exposure / contact:

- Skin rash/inflammation
- Respiratory difficulties

Many years of experience with ORAC FIX extra have not shown any dangers for health, if properly used and under the usual industrial hygiene, nor have any indications of damages for health been presented to us.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Diethylmethylbenzenediamine:

- LC 50 (48 u): 194 mg/l (leuciscus idus).

- EC 50 (48 u): < 1 mg/l (daphnia magna).

12.2 Mobility

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

Other adverse effects:

WGK: 2 (classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe) (VwVWS) of 17 May 1999.

Effect on the ozone layer: not dangerous for the ozone.

13. DISPOSAL CONSIDERATIONS

13.1 Provisions relating to waste:

- Waste code (Germany): 55905
- Waste material code (EU): 08 04 02 (Waste adhesives and sealants containing organic solvents or other dangerous substances).
- Waste material code (Flanders): 512.
- Hazardous waste: 91/689/EEC.

13.2 Disposal methods:

Remove to an authorised incinerator equipped with an after-burner and a flue gas scrubber.

13.3 Packaging:

Waste material code packaging: 15 01 10 (packaging containing residues of or contaminated by dangerous substances).

ORAC FIX EXTRA - MATERIAL SAFETY DATA SHEET (2001/58/EC)

14. TRANSPORT INFORMATION

90
3077

14.1 Classification of the substance in compliance with UN Recommendations:

UN-number: 3077
 Class: 9
 Sub Risks: -
 Packing: III

Proper shipping name: UN 3077, environmentally hazardous substance, solid, n.o.s. (methylenediphenyldiisocyanate).

14.2 ADR (transport by road):

Class: 9
 Packing: III
 Danger Label tanks: 9
 Danger Label Packages: 9

14.3 RID (transport by rail):

Class: 9
 Packing: III
 Danger Label tanks: 9
 Danger Label Packages: 9

14.4 ADNR (transport by inland waterways):

Class: 9
 Packing: III
 Danger Label tanks: 9
 Danger Label Packages: 9

14.5 IMDG (maritime transport):

Class: 9
 Sub risks: -
 Packing: III
 MFAG: -
 EMS: -
 Marine pollutant P

14.6 ICAO (transport by air):

Class: 9
 Sub risks: -
 Packing: III

Packing instruction passenger aircraft: 911/y911
 Packing instruction cargo aircraft: 911

14.7 Special precautions in connection with transport: none.

14.8 Limited Quantities (LQ):

When substances and their packaging meet the conditions established by ADR/RID/ADNR in chapter 3.4, only the following prescriptions shall be complied with:
 - each package shall display a diamond-shaped figure with the following instruction: 'UN 3077';
 - or in the case of different goods with different identification numbers within a single package: the letters: 'LQ'

15. REGULATORY INFORMATION

15.1 Labelling in accordance with EC-directives 67/548/EEC and 1999/45/EC:



Dangerous for the environment

Harmful

Contains: methylenediphenyl-diisocyanate

15.2 R-phrases:

R20: Harmful by inhalation.
 R36/37/38: Irritating to eyes, respiratory system and skin.
 R42/43: May cause sensitization by inhalation and skin contact.
 R51/53: Toxic to aquatic organisms; may cause longterm adverse effects in the aquatic environment.

15.3 S-phrases:

S02: Keep out of reach of children.
 S23: Do not breathe vapour.
 S24: Avoid contact with skin.
 S37: Wear suitable gloves.
 S45: In case of accident or if you feel unwell, seek medical advice (show the label where possible).
 S61: Avoid release to the environment. Refer to special instructions/safety data sheets.
 S63: In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Contains isocyanates.

See information supplied by the manufacturer.

16. OTHER INFORMATION

The information in this Material Safety Data Sheet is based on the knowledge at the issue date and in accordance with national law and EC-regulations. Without written instructions for use, the product may not be used for purposes, other than those specified under chapter 1.

The information in this sheet is meant as a description of safety measures for this product, is not meant as a warranty for quality regarding the technical specifications.

TLV: Threshold Limit Value
 OES: Occupational Exposure Limits
 MEL: Maximum Exposure Limits
 MAK: Maximale arbeitsplatzkonzentrationen
 TRK: Technische Richtkonzentrationen
 MAC: Maximale aanvaarde concentrie
 VME: Valeurs limites de moyenne d'exposition
 VLE: Valeurs limites d'exposition à court terme
 GWBB: Grenswaarde beroepsmatige blootstelling
 GWK: Grenswaarde kortstondige blootstelling

The information in this MSDS is prepared in accordance with directives 91/155/EC and 88/379/EC.