

Ident-No: REN SHAPE 460 4" REN SHAPE 460 4"Version 1
Revision Date 25.09.2007

Print Date 25.09.2007

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**Product information**

Trade name : REN SHAPE 460 4"
Use :

Company : Huntsman Advanced Materials (Australia)
PTY Ltd
Gate 3, Ballarat Road
3023 Deer Park

Telephone : +61393616060
Telefax : +61393616066
Emergency telephone : Australia: 1800 786 152/New Zealand : 0800 767 437/Asia
number Pacific: + 65 6336 6011

2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**Cured polyurethane resin
preparation**3. HAZARDS IDENTIFICATION**

The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

4. FIRST AID MEASURES

Inhalation : Avoid dust formation.
Keep away from sources of ignition - No smoking.
Ensure adequate ventilation.
When using, do not eat, drink or smoke.

Eye contact : Rinse immediately with plenty of water for at least 15 minutes.
If eye irritation persists, consult a specialist.

Skin contact : Wash off with soap and plenty of water.

Ingestion : Immediately give plenty of water (if possible charcoal slurry).
If a person vomits when lying on his back, place him in the
recovery position.
Oxygen or artificial respiration if needed.
Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing : Water spray.

Ident-No: REN SHAPE 460 4" REN SHAPE 460 4"Version 1
Revision Date 25.09.2007

Print Date 25.09.2007

media Carbon dioxide (CO2).
Foam.
Dry powder.

Extinguishing media which must not be used for safety reasons : High volume water jet.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

Further information : Burning produces obnoxious and toxic fumes.
Carbon oxides.
Nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Keep away from sources of ignition - No smoking.
Avoid contact with skin, eyes and clothing.
Do not breathe vapours/dust.

Environmental precautions : Do not allow material to contaminate ground water system.
Prevent product from entering drains.

Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.
Avoid dust formation.

7. HANDLING AND STORAGE**Handling**

Advice on safe handling : Avoid dust formation.
Keep away from sources of ignition - No smoking.

Storage

Further information on storage conditions : Keep away from food, drink and animal feeding stuffs.
Keep container tightly closed.
Store at room temperature in the original container.

Storage hazard class : Storage class 13, Solid materials, not dangerous
Huntsman Advanced
Materials

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis

Engineering measures

No special precautions required.

Ident-No: REN SHAPE 460 4" REN SHAPE 460 4"Version 1
Revision Date 25.09.2007

Print Date 25.09.2007

Personal protective equipment

- Eye protection : Tightly fitting safety goggles.
Face-shield.
- Hand protection : rubber or plastic gloves
- Skin and body protection : Protective suit.
Safety shoes.
- Protective measures : Do not breathe dust.
Keep away from sources of ignition - No smoking.
Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : solid
- Odour : none
- Thermal decomposition : > 200 °C
- Flash point : > 200 °C
Method: DIN 51758 (Pensky-Martens Closed Cup)
- Vapour pressure : < 0.01 Pa
at 20 °C
- Density : 0.65 - 0.75 g/cm³
at 20 °C
- Water solubility : at 20 °C
Note: practically insoluble
- Miscibility with water : immiscible

10. STABILITY AND REACTIVITY

- Conditions to avoid : Note: No special precautions required.
- Materials to avoid : No special precautions required.
- Hazardous decomposition products : Carbon oxides.
Nitrogen oxides. Burning produces obnoxious and toxic fumes.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 rat
Dose: > 2,000 mg/kg

Ident-No: REN SHAPE 460 4" REN SHAPE 460 4"Version 1
Revision Date 25.09.2007

Print Date 25.09.2007

Eye irritation : No eye irritation
rabbit

Skin irritation : No skin irritation
rabbit
dermal

Sensitization : no data available
guinea pig
dermal

12. ECOLOGICAL INFORMATION**Ecotoxicity effects****Further information on ecology**

Additional ecological information : Avoid subsoil penetration.
Prevent product from entering drains.
Do not contaminate surface water.

13. DISPOSAL CONSIDERATIONS

Container : Empty containers can be landfilled, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

Product : Can be landfilled or incinerated, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

14. TRANSPORT INFORMATION**Land transport**

Road/ADR:
Regulation: Not dangerous goods

Rail/RID:
Regulation: Not dangerous goods

Sea transport

IMDG:
Regulation: Not dangerous goods

Ident-No: REN SHAPE 460 4" REN SHAPE 460 4"Version 1
Revision Date 25.09.2007

Print Date 25.09.2007

Air transport*IATA-DGR:*

Regulation: Not dangerous goods

15. REGULATORY INFORMATION**Labelling according to EEC Directive**

No labelling required

National legislation**Notification status****16. OTHER INFORMATION**

All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to Huntsman Advanced Materials General Conditions of Sale.

CONTACT POINT:

EH&S MANAGER

TELEPHONE: +61 3 9361 6062

FACSIMILE: +61 3 9361 6095