OBO-Werke GmbH
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USt-Id: DE171274404
St -Nr : 44/210/02193

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1.) IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY NAME

Commercial name:	**RenShape® BM 5460**
Use of substance/mixtures:	model making material
Supplier:	OBO-Werke GmbH Am Bahnhof 5 31655 Stadthagen – Germany phone +49/5721/7801-0 fax +49/5721/77855

RenGel®, RenCast®, RenLam®, RenLease®, RenPim®, RenShape® and Ren® indicate a registered trade mark of Huntsman Corporation or an affiliate thereof in one or more, but not all, countries. RenPaste™ is referring to a trademark of Huntsman Corporation or an affiliate thereof.

Please take note that this document is not a legal requirement.

2.) HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
This substance isn't classified as hazardous in accordance with regulation (EC) no. 1272/2008.

2.2. Label elements
There is no requirement for the product to be specially labelled according to EC directives in correspondence to national laws.

2.3. Other hazards
When milling: danger of dust explosion

3.) COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: reaction product based on polyurethane

4.) FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact:	Dust: immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contacts lenses. Get medical attention if irritation occurs.
Inhalation:	Dust: remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact:	Dust: flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Swallow:	Dust: wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed potential acute health effects
There are no data available

4.3. Indication of any immediate medical attention and special treatment needed
There are no data available

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5.) FIRE-FIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing media: Use an extinguishing agent suitable for the fire surroundings.

5.2. Special hazards arising from the substance or mixture
Carbon monoxide, nitrogen oxide, isocyanate vapor and traces of hydrogen cyanide is possible

5.3. Advice for firefighters
Promptly isolate the scene by removing all persona from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode clothing for fire-fighters (including helmets, protective boots and gloves)

6.) ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Dust can create explosive mixture. Keep away from sources of ignition, no smoking. Don't breathe dust. Provide adequate ventilation.

6.2. Environmental precautions
No special measures are necessary.

6.3. Methods and materials for containment and cleaning up
Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation

6.4. Reference to other sections:
None

7.) HANDLING AND STORAGE

7.1. Precautions for safe handling
No special measures necessary if used correctly. Avoid dust formation. Keep away from source of ignition, No smoking

Advice on protection against fire and explosion
Dust can create explosive mixture.

7.2. Conditions for safe storage, including any incompatibilities
Store in accordance with local regulations. No special measures necessary. Keep away from direct sunlight and avoid temperature variations.

7.3. Specific end uses(s):
No information available

8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Contains no substances with occupational exposure limit values

8.2. Exposure controls
Appropriate engineering controls
No special measures necessary.

Individual protection and Hygiene measures
May form combustible dust concentrations in air. Keep away from source of ignition. No smoking

Eye/face protection
Dust production eye glasses, wear suitable (dust-tight) gloves

Skin /hand protection
Protective clothing, safety shoes

Respiratory protection:
While machining in case of dust formation wear micro dust mask.

9.) PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties Appearance:

Physical state:	solid, board/block
Colour:	brown
Odour:	odourless
pH:	not available
Flash point:	not available
Density:	670 - 770 kg/m³
Solubility:	not soluble in water

9.2. Other information
No additional information

10.) STABILITY AND REACTIVITY

10.1. Reactivity
No information available

10.2. Chemical stability
The product is stable.

10.3. Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Condition to avoid
No special measure are necessary. Do not overheat > 200 °C to avoid thermal decomposition

10.5. Incompatible materials
Not specific data available

10.6. Hazardous decomposition products
Carbon monoxide, nitrogen oxide, isocyanate vapor and traces of hydrogen cyanide is possible.

11.) TOXICOLOGICAL INFORMATIONS

11.1. **Information on toxicological effects**
Acute toxicity: not available

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Irritation/corrosion: dust particles, like other inert materials, are mechanically irritating eyes

Sensitization: based on available data, classification criteria are not met

Carcinogenicity: based on available data, classification criteria are not met

Aspiration hazard: based on available data, classification criteria are not met

12.) ECOLOGICAL INFORMATION

12.1. Toxicity: not available

12.2. Persistence and degradability: not degradable

12.3. Bio accumulative potential: not available

12.4. Mobility in soil: not available

12.5. Results of PBT and vPvB assessment: not available

12.6. Other adverse effects: not available

13.) DISPOSAL CONSIDERATIONS

13.1. Waste treatment / methods of disposal:
Dispose in compliance of local regulations. Recycling should be preferred to disposal.

14.) TRANSPORT INFORMATION

	ADR/RID-AND/ADNR	IMDG	IATA
14.1. UN number	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name			
14.3. Transport hazard	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	no		
14.6. Special precautions for user	No dangerous good	Not available	Not available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: not available

15.) REGULATROY INFORMATION

15.1. Safety, health and environmental regulations specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH) Article 57)
None of the components are listed

National regulatory information:
Not water contaminating

15.2. Chemical safety assessment:
For this product a chemical safety assessment is not required.

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16.) OTHER INFORMATION:

Information given under items 4 to 8 and 10 to 12 do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product) but to liberation of major amount in case of accidents and irregularities.

Notice to reader:
The information contained in the safety data sheet corresponds to our level of knowledge at the time of publications. All warranties are excluded. Our most current general sales conditions shall apply. Please consult the product data sheet prior to any use and processing.