

## Safety Data Sheet

Material: 60083216

Silicone Addition Transparent B Normal

Version: 1.0 (REG\_EUROPE)

Date of print: 20.06.2012

Date of last alteration: 09.02.2012

### 1. SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Commercial product name:** Silicone Addition Transparent B Normal

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Industrial.  
Raw material for: elastomer products .

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor: Nedform BV  
Street/POB-No.: Hofdwarsweg 20  
State/postal code/city: 6161 DD Geleen, The Netherlands  
Telephone: 0031 (0) 46 410 6260  
Telefax: 0031 (0) 46 410 6270

Information about the Safety Data Sheet: Telephone 0031 (0) 46 410 6260  
Telefax 0031 (0) 46 410 6270  
eMail info@nedform.com

#### 1.4 Emergency telephone number

**Emergency Information:** plant fire brigade +49 8677 83-2222  
**Emergency Information (internat.):** National Response Center +49 621 60-43333

### 2. SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (67/548/EEC, 1999/45/EC):**

R-Phrase	Description
R-	-

This product is not a dangerous preparation within the meaning of Directive 1999/45/EC.

#### 2.2 Label elements

**Labelling (67/548/EEC, 1999/45/EC):**

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

#### 2.3 Other hazards

No data are available.

### 3. SECTION 3: Composition/information on ingredients

#### 3.1 Substances

not applicable

#### 3.2 Mixtures

##### 3.2.1 Chemical characterization (preparation)

Polydimethylsiloxane with functional groups and auxiliaries for addition cross-linking

### 4. SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:**

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

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**After inhalation:**

Provide fresh air.

**After contact with the skin:**

Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

**After contact with the eyes:**

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

**After swallowing:**

Give several small portions of water to drink. Do not induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

Any relevant information can be found in other parts of this section.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data are available.

### 5. SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**Suitable extinguishing media:**

water mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

**Extinguishing media which must not be used for safety reasons:**

water spray , water jet .

**5.2 Special hazards arising from the substance or mixture**

not applicable

**5.3 Advice for firefighters**

**Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air.

### 6. SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

If material is released indicate risk of slipping. Do not walk through spilled material.

**6.2 Environmental precautions**

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Close leak if possible without risk.

**6.3 Methods and material for containment and cleaning up**

Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

**6.4 Reference to other sections**

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

### 7. SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

**Precautions for safe handling:**

Spilled substance increases risk of slipping.

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**Precautions against fire and explosion:**

Observe the general rules for fire prevention.

**7.2 Conditions for safe storage, including any incompatibilities**

**Conditions for storage rooms and vessels:**

none known

**Advice for storage of incompatible materials:**

not applicable

**Further information for storage:**

Keep container tightly closed. Store in a dry and cool place.

**7.3 Specific end use(s)**

No data are available.

### 8. SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

**Maximum airborne concentrations at the workplace:**

not applicable

**8.2 Exposure controls**

**8.2.1 Exposure in the work place limited and controlled**

**General protection and hygiene measures:**

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

**Personal protection equipment:**

**Respiratory protection**

not required .

**Hand protection**

Recommendation: Protective gloves made of butyl rubber , nitrile rubber protective gloves .

**Eye protection**

Recommendation: protective goggles .

**8.2.2 Exposure to the environment limited and controlled**

Prevent material from entering surface waters and soil.

### 9. SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

**General information:**

Physical state / form .....: liquid  
 Colour .....: colourless  
 Odour .....: odourless

**Important information about the protection of health, safety and the environment:**

Property:	Value:	Method:
Melting point / melting range .....	not applicable	
Boiling point / boiling range .....	not applicable	
Flash point.....	> 200 °C	(DIN 51376)
Ignition temperature .....	> 450 °C	(DIN 51794)
Lower explosion limit (LEL) .....	not applicable	
Upper explosion limit (UEL).....	not applicable	
Vapour pressure.....	not applicable	
Density .....	0,97 g/cm <sup>3</sup> at 20 °C	(DIN 51757)
Water solubility / miscibility.....	virtually insoluble at 20 °C	
pH-Value .....	not applicable	
Viscosity (dynamic) .....	approx. 1800 mPa.s at 20 °C	

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### 9.2 Other information

Thermal decomposition.....: > 200 °C

## 10. SECTION 10: Stability and reactivity

### 10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

### 10.4 Conditions to avoid

none known

### 10.5 Incompatible materials

none known

### 10.6 Hazardous decomposition products

If stored and handled properly: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

## 11. SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### 11.1.1 Acute toxicity

##### Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure. Based on the available data acute toxic effects are not expected after single dermal exposure.

##### Product details:

Route of exposure	Result/Effect	Species/Test system	Source
oral	LD <sub>50</sub> : > 5000 mg/kg	rat	Conclusion by analogy
dermal	LD <sub>50</sub> : > 2008 mg/kg	rat	Conclusion by analogy

#### 11.1.2 Skin corrosion/irritation

##### Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

##### Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy

#### 11.1.3 Serious eye damage / eye irritation

##### Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

##### Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy

#### 11.1.4 Respiratory or skin sensitization

##### Assessment:

Based on the available data a sensitization reaction is not expected from this product.

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### Product details:

Route of exposure	Result/Effect	Species/Test system	Source
dermal	not sensitizing	guinea-pig; Bühler	Conclusion by analogy OECD 406

#### 11.1.5 Germ cell mutagenicity

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.6 Carcinogenicity

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.7 Reproductive toxicity

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.8 Specific target organ toxicity (single exposure)

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.9 Specific target organ toxicity (repeated exposure)

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.10 Aspiration hazard

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

## 12. SECTION 12: Ecological information

### 12.1 Toxicity

##### Assessment:

Evaluation on basis of physical-chemical properties: No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

### 12.2 Persistence and degradability

##### Assessment:

Elimination by adsorption to activated sludge. Biologically not degradable.

### 12.3 Bioaccumulative potential

##### Assessment:

Bioaccumulation is not expected to occur.

### 12.4 Mobility in soil

##### Assessment:

Forms thin oil film on surface of water. Absorbed by floating particles. Separation by sedimentation.

### 12.5 Other adverse effects

none known .

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### 13. SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### 13.1.1 Material

Recommendation:

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

##### 13.1.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

### 14. SECTION 14: Transport information

#### 14.1–14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

##### Road ADR:

Valuation .....: Not regulated for transport

##### Railway RID:

Valuation .....: Not regulated for transport

##### Transport by sea IMDG-Code:

Valuation .....: Not regulated for transport

##### Air transport ICAO-TI/IATA-DGR:

Valuation .....: Not regulated for transport

#### 14.5 Environmental hazards

Hazardous to the environment: no

#### 14.6 Special precautions for user

Relevant information in other sections have to be considered.

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk transport in tankers is not intended.

### 15. SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

#### 15.2 Other international regulations

##### Details of international registration status:

Listed on or in accordance with the following inventories:

EINECS - Europe

ECL - Korea

ENCS - Japan

AICS - Australia

IECSC - China

DSL - Canada

PICCS - Philippines

TSCA - USA

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### 16. SECTION 16: Other information

#### 16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

#### 16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -