

TN8000-B

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830

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

1.1 Product identifier

Product name: TN8000-B

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

Identified uses: Silicone Elastomer (B)

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Germany

Contact person : MomentiveEMEA.productsteward@momentive.com

Telephone : General information
00800.4321.1000 (Customer Service Centre)

1.4

Emergency telephone number : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44 (0) 1235239671

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

2.2 Label Elements

not applicable

Supplemental label information

EUH210: Safety data sheet available on request.

Additional Information: No data available.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

Chemical nature: Mixture

3.2 Mixtures

General information: No data available.

TN8000-B

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Calcium Carbonate	20 - <50%	471-34-1	207-439-9	01-2119486795-18-XXXX	No data available.	#
Carbon Black	1 - <5%	1333-86-4	215-609-9	01-2119384822-32-XXXX	No data available.	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes
Calcium Carbonate	No data available.	
Carbon Black	No data available.	

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Move to fresh air.

Eye contact: Rinse the eye with water immediately. If eye irritation persists: Get medical advice/attention.

Skin Contact: After contact with skin, remove product mechanically. Wash area with soap and water.

Ingestion: Rinse mouth. Consult a physician for specific advice.

4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

5.1 Extinguishing media

Suitable extinguishing media: All standard extinguishing agents are suitable.

TN8000-B

- Unsuitable extinguishing media:** No data available.
- 5.2 Special hazards arising from the substance or mixture:** No data available.
- 5.3 Advice for firefighters Special fire fighting procedures:** No data available.
- Special protective equipment for fire-fighters:** Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Provide adequate ventilation. Use personal protective equipment.
- 6.2 Environmental Precautions:** Prevent runoff from entering drains, sewers, or streams.
- 6.3 Methods and material for containment and cleaning up:** Use mechanical handling equipment. Shovel up and place in a container for salvage or disposal.
- 6.4 Reference to other sections:** Remove sources of ignition.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Methanol is formed during processing. Wear appropriate personal protective equipment.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a cool, well-ventilated place.
- 7.3 Specific end use(s):** No data available.

SECTION 8: Exposure controls/personal protection

**8.1 Control Parameters
 Occupational Exposure Limits**

Chemical name	type	Exposure Limit Values	Source
Calcium Carbonate - Respirable.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Calcium Carbonate - Inhalable	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Carbon Black	STEL	7 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	TWA	3,5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

Biological Limit Values

TN8000-B

None.

8.2 Exposure controls

Appropriate Engineering Controls: No data available.

Individual protection measures, such as personal protective equipment

General information: Wear suitable gloves and eye/face protection.

Eye/face protection: Safety glasses with side-shields conforming to EN166

Skin protection

Hand Protection: Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Other: Wear suitable protective clothing and eye/face protection.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures: Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat or drink.

Environmental exposure controls: No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	Paste
Color:	Black
Odor:	Faint
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	65 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	1,4 g/cm ³ (23 °C)
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.

TN8000-B

Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	No data available.
10.3 Possibility of hazardous reactions:	Hazardous polymerisation does not occur. Avoid contact with: Moisture.
10.4 Conditions to avoid:	Keep away from heat, sparks and open flame.
10.5 Incompatible Materials:	Moisture. Strong Acids, Strong Bases
10.6 Hazardous Decomposition Products:	Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

General information: Our Experience shows that our Silicone Elastomer products can be handled without risk to health if used properly and if the usual precautions for industrial hygiene are observed.

Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.

Dermal

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.

Inhalation

Product:	Not classified for acute toxicity based on available data.
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TN8000-B

Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Repeated dose toxicity	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Skin Corrosion/Irritation:	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Serious Eye Damage/Eye Irritation:	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Respiratory or Skin Sensitization:	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Germ Cell Mutagenicity	
In vitro	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
In vivo	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Carcinogenicity	
Product:	No data available.
Specified substance(s)	
Calcium Carbonate	No data available.
Carbon Black	No data available.
Reproductive toxicity	
Product:	No data available.

TN8000-B

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

TN8000-B

Calcium Carbonate No data available.
Carbon Black No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

12.3 Bioaccumulative Potential

Product: No data available.

Specified substance(s)

Calcium Carbonate No data available.
Carbon Black No data available.

12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

Calcium Carbonate No data available.
Carbon Black No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

Calcium Carbonate No data available.
Carbon Black No data available.

12.6 Other Adverse Effects:

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: No data available.

Disposal methods: Can be incinerated when in compliance with local regulations.

SECTION 14: Transport information

ADR

Not regulated.

TN8000-B

ADN

Not regulated.

RID

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

14.6 Special precautions for user: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Protect from moisture. Keep away from food, foodstuff, acids and bases. keep away from odour sensitive materials

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

not applicable

SECTION 15: Regulatory information

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

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use: none

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

TN8000-B

Chemical name	CAS-No.	Concentration
Octamethylcyclotetrasiloxane	556-67-2	0,1 - 1,0%

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS: y (positive listing)
 Canada DSL Inventory List: n (Negative listing)
 EU EINECS List: y (positive listing)
 Japan (ENCS) List: y (positive listing)
 China Inventory of Existing Chemical Substances: y (positive listing)
 Korea Existing Chemicals Inv. (KECI): y (positive listing)
 Canada NDSL Inventory: q (quantity restricted)
 Philippines PICCS: y (positive listing)
 US TSCA Inventory: y (positive listing)
 New Zealand Inventory of Chemicals: y (positive listing)
 Taiwan. Taiwan inventory (CSNN): y (positive listing)

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3: none

Training information: No data available.

Issue Date: 14.06.2016

TN8000-B

Disclaimer:

Notice to reader

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

Further Information

The information provided in this Safety Data Sheet 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 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 materials or in any process, unless specified in the text.

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