

TSE3033 A

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: TSE3033 A

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

Identified uses: Silicone Elastomer (A)

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
Additional Information: No data available.

2.3 Other hazards : No data available.

SECTION 3: Composition/information on ingredients

Chemical nature: Polydimethylsiloxane containing vinyl groups, with Platinum catalyst.

3.2 Mixtures

General information: No hazardous ingredients.

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SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation:** Move to fresh air. Get medical attention.
- Eye contact:** Rinse the eye with water immediately. Get medical attention if symptoms occur.
- Skin Contact:** After contact with skin, remove product mechanically. Wash area with soap and water.
- Ingestion:** Do not induce vomiting. Get medical attention.

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

5.1 Extinguishing media

Suitable extinguishing media: All standard extinguishing agents are suitable.

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: Keep away from sources of ignition - No smoking. Do not empty into drains.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

6.2 Environmental Precautions: Do not allow runoff to sewer, waterway or ground.

6.3 Methods and material for containment and cleaning up: Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4 Reference to other sections: No data available.

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SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Use only in well-ventilated areas. 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

None of the components have assigned exposure limits.

Biological Limit Values

None.

8.2 Exposure controls

Appropriate Engineering Controls:

Eyewash bottle with clean water.

Individual protection measures, such as personal protective equipment

General information:

No data available.

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:

No data available.

Respiratory Protection:

No data available.

Hygiene measures:

Observe good industrial hygiene practices. When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid contact with eyes, skin, and clothing.

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:** liquid
- Color:** Colorless
- Odor:** Faint
- Odor Threshold:** No data available.
- pH:** No data available.

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Freezing point:	No data available.
Boiling Point:	> 260 °C (1,013 hPa) (No data available.)
Flash Point:	ca. 300 °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:	ca. 1,01 g/cm ³
Relative density:	1,01 (25 °C)
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
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:	No data available.
10.4 Conditions to avoid:	No data available.
10.5 Incompatible Materials:	No data available.
10.6 Hazardous Decomposition Products:	carbon dioxide 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.

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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)

Dermal

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

Specified substance(s)

Inhalation

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

Specified substance(s)

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

Serious Eye Damage/Eye

Irritation:

Product: No data available.

Specified substance(s)

Respiratory or Skin

Sensitization:

Product: No data available.

Specified substance(s)

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Carcinogenicity

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

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Aspiration Hazard

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic Toxicity

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

12.3 Bioaccumulative Potential

Product: No data available.

12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

12.5 Results of PBT and vPvB assessment:

No data available.

12.6 Other Adverse Effects:

No data available.

SECTION 13: Disposal considerations

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13.1 Waste treatment methods

- General information:** No data available.
- Disposal methods:** According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

SECTION 14: Transport information

ADR

Not regulated.

ADN

Not regulated.

RID

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

- 14.6 Special precautions for user:** Keep away from food, drink and animal feeding stuffs. This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

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

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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: none

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

Inventory Status

Australia AICS:	y (positive 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 DSL Inventory List:	y (positive listing)
New Zealand Inventory of Chemicals:	y (positive listing)
Philippines PICCS:	y (positive listing)
US TSCA Inventory:	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: 13.06.2016

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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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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: TSE3033 B

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

Identified uses: Adhesive 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: Polydimethylsiloxane containing vinyl groups, a crosslinker and an inhibitor.

3.2 Mixtures

General information: No data available.

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Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
CYCLOSILOXANE ESTER	1 - <5%	113684-56-3		01-0000016083-78-0000	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
CYCLOSILOXANE ESTER	Aquatic Chronic: 4: H413	

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move to fresh air. Consult a physician after significant exposure.

Eye contact: Consult a physician for specific advice. Rinse immediately with plenty of water.

Skin Contact: Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Ingestion: Do NOT induce vomiting. Consult a physician for specific advice.

4.2 Most important symptoms and effects, both acute and delayed: None known.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: This product is not expected to produce adverse effects under normal conditions of use and appropriate personal hygiene.

Treatment: If swallowed, do NOT induce vomiting. Give a glass of water.

SECTION 5: Firefighting measures

General Fire Hazards: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.1 Extinguishing media Suitable extinguishing media:

All standard extinguishing agents are suitable.

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Unsuitable extinguishing media:	No data available.
5.2 Special hazards arising from the substance or mixture:	In case of fire, carbon monoxide and carbon dioxide may be formed.
5.3 Advice for firefighters Special fire fighting procedures:	Keep away from sources of ignition - No smoking. All equipment used when handling the product must be grounded.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment.
6.2 Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.
6.3 Methods and material for containment and cleaning up:	No data available.
6.4 Reference to other sections:	Prevent runoff from entering drains, sewers, or streams.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling:	Use only in well-ventilated areas. Wear appropriate personal protective equipment. Pack only into unbreakable packing materials (no glass containers !) to avoid contact with substances mentioned in Section 10.
7.2 Conditions for safe storage, including any incompatibilities:	Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a 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	None of the components have assigned exposure limits.
Biological Limit Values	None.
8.2 Exposure controls Appropriate Engineering Controls:	No data available.
Individual protection measures, such as personal protective equipment	
General information:	No data available.

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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:	No data available.
Respiratory Protection:	No data available.
Hygiene measures:	Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Wash hands after handling. It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.
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:	liquid
Color:	Colorless
Odor:	Faint
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	> 260 °C (1,013 hPa) (No data available.)
Flash Point:	> 100 °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:	ca. 1,01 g/cm ³
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.
Decomposition Temperature:	Material is stable under normal conditions.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

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SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	No data available.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	No data available.
10.5 Incompatible Materials:	No data available.
10.6 Hazardous Decomposition Products:	Carbon oxides Oxides of silicon. 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: Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of 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) CYCLOSILOXANE ESTER	LD 50 (Rat): 5.000 mg/kg

Dermal

Product:	ATEmix: 125.109,47 mg/kg
Specified substance(s) CYCLOSILOXANE ESTER	LD 50 (Rat): 2.000 mg/kg

Inhalation

Product:	Not classified for acute toxicity based on available data.
Specified substance(s) CYCLOSILOXANE ESTER	No data available.

Repeated dose toxicity

Product:	No data available.
Specified substance(s)	

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CYCLOSILOXANE
ESTER No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER No data available.

**Serious Eye Damage/Eye
Irritation:**

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER (Rabbit): No eye irritation

**Respiratory or Skin
Sensitization:**

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER Magnusson-Kligmann (Guinea Pig): Did not cause sensitization on
laboratory animals.

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER No data available.

In vivo

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER Micronucleus test Oral (Mouse): negative (not mutagenic)

Carcinogenicity

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

CYCLOSILOXANE
ESTER No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

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CYCLOSILOXANE
 ESTER No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE No data available.
 ESTER

Aspiration Hazard

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE No data available.
 ESTER

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE No data available.
 ESTER

Aquatic Invertebrates

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE EC50 (Daphnia magna, 48 h): > 8 mg/l
 ESTER

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE No data available.
 ESTER

Aquatic Invertebrates

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE No data available.
 ESTER

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)
 CYCLOSILOXANE No data available.

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ESTER

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

CYCLOSILOXANE No data available.
ESTER

BOD/COD Ratio

Product No data available.

Specified substance(s)

CYCLOSILOXANE No data available.
ESTER

12.3 Bioaccumulative Potential

Product: No data available.

Specified substance(s)

CYCLOSILOXANE No data available.
ESTER

12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

CYCLOSILOXANE ESTER No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

CYCLOSILOXANE ESTER 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.

ADN

Not regulated.

RID

Not regulated.

IMDG

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Not regulated.

IATA

Not regulated.

14.6 Special precautions for user:

Keep away from foodstuffs and animal feed. This product is not prohibited for air shipment by national or international regulations on the transport of dangerous goods. However, as a result of the potential formation of hydrogen gas under certain conditions, Momentive Performance Materials recommends that this product should be shipped using a mode of transportation other than air (IATA-C, IATA-P).

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: none

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:

q (quantity restricted)

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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 DSL Inventory List:	q (quantity restricted)
New Zealand Inventory of Chemicals:	y (positive listing)
Philippines PICCS:	y (positive listing)
US TSCA Inventory:	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

H413 May cause long lasting harmful effects to aquatic life.

Training information: No data available.

Issue Date: 13.06.2016

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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