

TSE 3455ST (B)

Version 1.2
Revision date 16.12.2014

Print Date 20.10.2015
M00000007044

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name : TSE 3455ST (B)

REACH Registration No. : not applicable

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

1.2.1 Usage : Silicone Elastomer

1.2.2 Uses advised against : None known.

1.3 Details of the supplier of the safety data sheet

Company: : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Telephone : + 40 213044229
Information contact: : MomentiveEMEA.productsteward@momentive.com

1.4 Emergency telephone

24 Hour Emergency Telephone : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44 (0) 1235239671

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008 as amended**

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

Classification according to Directive 67/548/EEC or 1999/45/EC as amended:

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements**GHS-Labeling Regulation (EC) No. 1272/2008:**

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

Labelling according to EC Directives

Further Information : The product does not need to be labelled in accordance with EC directives or respective national laws.

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2.3 Other hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product description / chemical characterization: Polydimethylsiloxane containing vinyl groups, with fillers, a cross-linker and an inhibitor.

Hazardous Component(s)

Chemical name	CAS-No.; EC No.; REACH Registration No.	Concentration %	EU Classification	Regulation (EC) No. 1272/2008
SILANE,BIS{(1,1-DIMETHYL-2-PROPYNL-	53863-99-3; 414-960-7; Not Applicable	>= 0,000 - < 10,000	Xn;R20;	Category 4; Acute Tox.; H332;

4. FIRST AID MEASURES**4.1 Description of first aid measures**

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

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

None known.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

- Suitable extinguishing media : All standard extinguishing agents are suitable.
- Unsuitable extinguishing : None known.

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media

5.2 Special hazards arising from the substance or mixture:

None known.

5.3 Advice for firefighters:

Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Use standard firefighting procedures and consider the hazards of other involved materials.

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.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

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.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. Do not empty into drains.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a cool, well-ventilated place.

Other data : Material is stable under normal conditions.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational exposure limits**

No exposure limits noted for the ingredient(s).

DNEL-Values:

No data available

PNEC-Values:

No data available

8.2 Exposure controls**Appropriate engineering controls**

Eyewash bottle with clean water.

Personal protective equipment (ppe)

- | | | |
|------------------|---|---|
| Hand protection | : | Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries. |
| Eye protection | : | Safety glasses with side-shields conforming to EN166 |
| 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. |

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

- | | | |
|----------------|---|--------------------|
| Appearance | : | Liquid |
| Color | : | Colorless |
| Odor | : | Faint |
| Odor Threshold | : | No data available. |
| pH | : | Not applicable |
| Melting Point | : | Melting point (°C) |

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	No data available.
Boiling point/boiling range	: No data available.
Flash Point	: ca.180 °C
Evaporation Rate	: No data available.
Lower explosion limit	: No data available.
Upper explosion limit	: No data available.
Vapour pressure	: Not applicable
Vapor Density	: No data available.
Density	: ca.0,99 g/cm3
Solubility(ies)	: Insoluble
Solubility in Water	: Insoluble
Solubility in other solvents	: No data available.
Partition Coefficient: n-octanol/water	: No data available.
Autoignition Temperature	: >450 °C
Thermal decomposition	: Note: No decomposition if stored and applied as directed.
Viscosity, kinematic	: No data available.
Explosive properties	: No data available.
Oxidizing properties	: No data available.

10. STABILITY AND REACTIVITY**10.1 Reactivity:**

No data available

10.2 Chemical stability:

No data available

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10.3 Possibility of hazardous reactions:

Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.; No dangerous reaction if used as recommended.

10.4 Conditions to avoid:

None known.

10.5 Incompatible materials:

Strong Acids, Strong Bases
Avoid contact with oxidizers or reducing agents.

10.6 Hazardous decomposition products:No data available**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

Human experience : 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.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

Product: No data available

12.2 Persistence and degradability**Elimination information (persistence and degradability)**

Product: No data available

12.3 Bioaccumulation

Product: No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product: No data available

12.6 Other adverse effects

Additional ecological information : Ecotoxicological data for this product is not available.

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13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Product : Can be incinerated when in compliance with local regulations.

Contaminated packaging : Dispose of as unused product.

14. TRANSPORT INFORMATION

Further Information : 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).

Keep away from food, drink and animal feeding stuffs.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None known.

15.2 Chemical safety assessment**Inventories**

Australia Inventory of Chemical Substances (AICS)	y (positive listing)	The formulation contains ELINCS substances.
EU list of existing chemical substances	y (positive listing)	
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (positive listing)	
China Inventory of Existing Chemical Substances	y (positive listing)	
Korea Existing Chemicals Inventory (KECI)	y (positive listing)	
Canada DSL Inventory	n (Negative listing)	
Canada NDSL Inventory	n (Negative listing)	
Philippines Inventory of	y (positive listing)	

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Chemicals and Chemical
Substances (PICCS)
TSCA list y (positive listing) On TSCA Inventory
For inventories that are marked as quantity restricted or special cases, please contact
Momentive.

16. OTHER INFORMATION**Wording of the R-phrases and H-statements in section 2 and 3**

:

H332: Harmful if inhaled.

R20 Harmful by inhalation.

Unless otherwise specified in section 1.2.1, 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.