

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Momentive Performance Materials

Revised: Ohta-shi 3738505
10/04/2007

Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Sealant
Formula: Mixture

HMIS

Flammability: 1 Reactivity: 0 Health: 0

NFPA

Flammability: 1 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Irritating to eyes, respiratory system and skin. May be harmful if swallowed. Attention: Not for injection into humans. May cause adverse reproductive effects. Adverse reproductive effects reported in animals.

Form: Solid

Color: Translucent

Odor: Faint

POTENTIAL HEALTH EFFECTS

INGESTION

May be harmful if swallowed.

SKIN

Uncured product contact will irritate lips, gums and tongue. May cause skin irritation.

INHALATION

Irritating to respiratory system. Applies in uncured state.

EYES

Eye irritation on contact with the uncured product.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Dermal; Eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
CYCLOPENTYLSILAZANE-AMINOSILOXANE COPOLYMER, METHOXY TERMINATED	134759-20-9	1 - 5 %
B. NON-HAZARDOUS		
Methoxypolydimethylsiloxane	68037-58-1	60 - 90 %
Polydimethylsiloxane	63148-62-9	10 - 30 %
Silica	7631-86-9	10 - 30 %

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 198 °C; 388 °F
FLAMMABLE LIMITS IN AIR - LOWER (%): Not applicable
FLAMMABLE LIMITS IN AIR - UPPER (%): Not applicable

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Do not inhale vapors. Keep away from children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers; Exhaust ventilation

RESPIRATORY PROTECTION

If exposure limits may be exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. A NIOSH/MSHA approved respirator with an organic vapor cartridge is generally acceptable. Supplied airrespirators may be required for high vapor

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

concentrations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 1910.134).

EYE AND FACE PROTECTION

safety glasses with side-shields conforming to EN166

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
-----------	--------	--------	-------

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	Not applicable
VAPOR PRESSURE (20 C) (MM HG):	No data available
FREEZING POINT:	Not applied
MELTING POINT:	Not applied
PHYSICAL STATE:	Solid
ODOR:	Faint
COLOR:	Translucent
SPECIFIC GRAVITY (WATER=1):	> 1
DENSITY:	ca. 1.000 g/cm ³
pH:	No data available
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Insoluble

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Silicon dioxide.; Formaldehyde

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

CONDITIONS TO AVOID

Keep away from heat, sparks and flame.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

Contains dibutyltin compound(s) - May impair fertility. May cause harm to unborn child.

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available

DISTRIBUTION

No data available

CHEMICAL FATE

No data available

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

Japan Inventory of Existing & New Chemical Substances (ENCS)	y (Positive listing)	
Korea Existing Chemicals Inventory (KECI)	y (Positive listing)	
China Inventory of Existing Chemical Substances	y (Positive listing)	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (Positive listing)	
TSCA list	y (Positive listing)	On TSCA Inventory
EU list of existing chemical substances	y (Positive listing)	
Canada DSL Inventory	y (Positive listing)	
Canada NDSL Inventory	n (Negative listing)	
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)	

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

SARA (311,312) HAZARD CLASS

Acute Health Hazard

SARA (313) CHEMICALS

Canadian Regulatory Information

{ error: graphic file not found:
E:\TC_MSDS_5028\webapps\ehswww\WEB-
INF\bin\graphics\vkoJP01.bmp }

Material Safety Data Sheet

Version: 1.2
10/04/2007

TSE 397 C - cartg (310ml - 322g) SILICONE RUBBER SEALANT

WHMIS HAZARD CLASS

D2B TOXIC MATERIALS

CALIFORNIA PROPOSITION 65

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).