

# SAFETY DATA SHEET

1. Identification Product identifier: RTV8262 Other means of identification Synonyms: SILICONE RUBBER Recommended use and restriction on use Recommended use: Silicone Elastomer Restrictions on use: Not known. Momentive Performance Materials LLC Manufacturer/Importer/Distr : ibutor Information 260 Hudson River Road Waterford NY 12188 commercial.services@momentive.com Contact person : Telephone : General information +1-800-295-2392 **Emergency telephone** number Supplier CHEMTREC : 1-800-424-9300

2. Hazard(s) identification		
Hazard Classification	Not classified	
Label Elements		
Hazard Symbol:	No symbol	
Signal Word:	No signal word.	
Hazard Statement:	Not applicable	
Precautionary Statements	Not applicable	
Hazard(s) not otherwise classified (HNOC):	None.	
SDS_US		1/15

# 3. Composition/information on ingredients

### Mixtures

Chemical Identity	CAS number	Content in percent (%)*	Notes
Red iron oxide	1309-37-1	20 - <50%	# This substance has workplace exposure limit(s).
(1) Cristobalite	14464-46-1	5 - <10%	# This substance has workplace exposure limit(s).
Kieselguhr, soda ash flux- calcined	68855-54-9	1 - <5%	# This substance has workplace exposure limit(s).
Silicic acid, ethyl ester	11099-06-2	1 - <5%	No data available.
(1) QUARTZ	14808-60-7	0.1 - <1%	# This substance has workplace exposure limit(s).

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

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

4. First-aid measures		
Ingestion:	DO NOT induce vomiting. Get medical attention immediately. Do not give victim anything to drink if he is unconscious. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.	
Inhalation:	Move into fresh air and keep at rest. Get medical attention if symptoms occur.	
Skin Contact:	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.	
Eye contact:	Get medical attention if symptoms occur. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.	
Most important symptoms	/effects, acute and delayed	
Symptoms:	None known.	
Hazards:	No data available.	
Indication of immediate m	edical attention and special treatment needed	



Treatment:	Treatment is symptomatic and supportive.		
5. Fire-fighting measures			
General Fire Hazards:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.		
Suitable (and unsuitable) extingu	ishing media		
Suitable extinguishing media:	All standard extinguishing agents are suitable.		
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.		
Specific hazards arising from the chemical:	In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.		
Special protective equipment and	d precautions for firefighters		
Special fire fighting procedures:	Use water spray to keep fire-exposed containers cool.		
Special protective equipment for fire-fighters:	Firefighters must wear NIOSH/MSHA approved positive pressure self- contained breathing apparatus with full face mask and full protective clothing.		

Personal precautions, protective equipment and emergency procedures:	Caution: Contaminated surfaces may be slippery. Avoid contact with skin and eyes. See Section 8 of the SDS for Personal Protective Equipment. Keep out of reach of children.
Methods and material for containment and cleaning up:	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.
Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.



7. Handling and storage	
Precautions for safe handling:	Sensitivity to static discharge is not expected. Do not taste or swallow. Do not get in eyes, on skin, on clothing. Use personal protective equipment as required. Wash hands after handling.
Conditions for safe storage, including any incompatibilities:	Keep container closed. Keep away from sources of ignition - No smoking. Use original container or packaging of similar material of construction

# 8. Exposure controls/personal protection

## **Control Parameters**

Occupational	Exposure	Limits

Chemical Identity	Туре	Exposure Limit Values	Source
Red iron oxide - Respirable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values, as amended (03 2015)
Red iron oxide - Dust and fume as Fe	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2010)
Red iron oxide - Fume.	PEL	10 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
	TWA	10 mg/m3	US. OSHA Table Ź-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	10 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
	TWA PEL	5 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (01 2015)
Red iron oxide - Total dust.	TWA	50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
Red iron oxide - Respirable fraction.	TWA	5 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
	TWA	15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
Red iron oxide - Total dust.	TWA	15 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
Red iron oxide	IDLH	2,500 mg/m3	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)
(1) Cristobalite - Respirable fraction.	TWA	0.025 mg/m3	US. ACGIH Threshold Limit Values, as amended (03 2015)
(1) Cristobalite - Respirable dust.	REL	0.05 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2016)
(1) Cristobalite - Respirable dust.	TWA	0.05 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (03 2016)
	OSHA_AC T	0.025 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (03 2016)
(1) Cristobalite - Respirable dust.	PEL	0.05 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (03 2016)
	TWA	0.05 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
(1) Cristobalite - Particulate.	ANESL	0.27 µg/m3	US. Texas. Effects Screening Levels (Texas

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			Commission on Environmental Quality), as
(1) Oristskalita – Daaminska			amended (11 2016)
(1) Cristobalite - Respirable dust.	TWA PEL	0.05 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (01 2015)
(1) Cristobalite - Respirable.	TWA	1.2 millions	US. OSHA Table Z-3 (29 CFR 1910.1000), as
		of particles	amended (2000)
		per cubic foot of air	
	TWA	0.05 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as
		0.00	amended (2000)
(1) Cristobalite	IDLH	25 mg/m3	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)
<ol> <li>Cristobalite - Respirable dust.</li> </ol>	TWA	0.050 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (01 2019)
(1) Cristobalite - Particulate.	ST ESL	14 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (06 2018)
Kieselguhr, soda ash flux- calcined	REL	6 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2010)
	TWA	20 millions of	US. OSHA Table Z-3 (29 CFR 1910.1000), as
		particles per cubic foot of	amended (2000)
		air	
	TWA	0.8 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as
			amended (2000)
	IDLH	3,000 mg/m3	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)
Kieselguhr, soda ash flux-	AN ESL	2 µg/m3	US. Texas. Effects Screening Levels (Texas
calcined - Particulate.		10	Commission on Environmental Quality), as
	ST ESL		amended (06 2018)
	ST ESL	27 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as
			amended (06 2018)
Kieselguhr, soda ash flux- calcined - Respirable particles.	TWA	3 mg/m3	US. ACGIH Threshold Limit Values, as amended (01 2021)
Kieselguhr, soda ash flux- calcined - Inhalable particles.	TWA	10 mg/m3	US. ACGIH Threshold Limit Values, as amended (01 2021)
Kieselguhr, soda ash flux-	TWA	15 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000),
calcined - Total dust.	77.0	E market	as amended (1989)
Kieselguhr, soda ash flux- calcined - Respirable fraction.	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	5 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (01 2019)
Kieselguhr, soda ash flux- calcined - Total dust.	TWA	15 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (01 2019)
	TWA PEL	10 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as
			amended (12 2017)
Kieselguhr, soda ash flux- calcined - Respirable fraction.	TWA PEL	5 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (12 2017)
Kieselguhr, soda ash flux-	TWA	15 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as
calcined - Total dust.		_	amended (09 2016)
	TWA	50 millions of	US. OSHA Table Z-3 (29 CFR 1910.1000), as
		particles per cubic foot of	amended (09 2016)
		air	
Kieselguhr, soda ash flux-	TWA	15 millions of	US. OSHA Table Z-3 (29 CFR 1910.1000), as
calcined - Respirable		particles per	amended (09 2016)
fraction.		cubic foot of air	
	TWA	5 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as

			amended (09 2016)
(1) QUARTZ - Respirable	REL	0.05 mg/m3	US. NIOSH: Pocket Guide to Chemical
dust.			Hazards, as amended (2010)
(1) QUARTZ - Respirable	TWA	0.05 mg/m3	US. OSHA Specifically Regulated Substances
dust.			(29 CFR 1910.1001-1053), as amended (03
			2016)
	OSHA_AC	0.025 mg/m3	US. OSHA Specifically Regulated Substances
	T		(29 CFR 1910.1001-1053), as amended (03
			2016)
(1) QUARTZ - Respirable	PEL	0.05 mg/m3	US. OSHA Table Z-1 Limits for Air
dust.			Contaminants (29 CFR 1910.1000), as
			amended (03 2016)
	TWA	0.1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000),
		Ũ	as amended (1989)
(1) QUARTZ - Particulate.	ANESL	0.27 μg/m3	US. Texas. Effects Screening Levels (Texas
			Commission on Environmental Quality), as
			amended (11 2016)
(1) QUARTZ - Respirable	TWA PEL	0.05 mg/m3	US. California Code of Regulations, Title 8,
dust.		_	Section 5155. Airborne Contaminants, as
			amended (10 2016)
(1) QUARTZ - Respirable.	TWA	2.4 millions	US. OSHA Table Z-3 (29 CFR 1910.1000), as
		of particles	amended (2000)
		per cubic foot	
		of air	
	TWA	0.1 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as
			amended (2000)
(1) QUARTZ	IDLH	50 mg/m3	US. NIOSH. Immediately Dangerous to Life or
		-	Health (IDLH) Values, as amended (10 2017)
(1) QUARTZ - Respirable	TWA	0.050 mg/m3	US. Tennessee. OELs. Occupational Exposure
dust.		6	Limits, Table Z1A, as amended (01 2019)
(1) QUARTZ - Particulate.	ST ESL	14 µg/m3	US. Texas. Effects Screening Levels (Texas
		. 0	Commission on Environmental Quality), as
			amended (06 2018)
(1) QUARTZ - Respirable	TWA	0.025 mg/m3	US. ACGIH Threshold Limit Values, as
fraction.		Ũ	amended (02 2020)

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

#### Appropriate Engineering Controls

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inventing possibilities

Eye wash facilities and emergency shower must be available when handling this product. Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

#### Individual protection measures, such as personal protective equipment

General information:	General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.	
Eye/face protection:	Safety glasses with side shields	
Skin Protection Hand Protection	: Use chemical-resistant, impervious gloves.	
Other:	Wear suitable protective clothing and eye/face protection.	



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Respiratory Protection:	Use only in well-ventilated areas. If inhalation exposure is expected, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).
Hygiene measures:	Observe good industrial hygiene practices. Wash hands after handling. When using do not eat, drink or smoke. Provide adequate ventilation.

# 9. Physical and chemical properties

Appearance	
Physical state:	liquid
Form:	liquid
Color:	Red
Odor:	Faint
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Not applicable
Flash Point:	ca. 109 °C (Closed Cup)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive	ve limits
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Heat of combustion:	No data available.
Vapor pressure:	No data available.
Vapor density:	>7
Density:	ca. 1.48 g/cm3
Relative density:	ca. 1.48
Solubility(ies)	
Solubility in water:	Slightly Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.



Viscosity, kinematic:	No data available.
VOC:	15 g/l ;

# 10. Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid:	No data available.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

# 11. Toxicological information

Information on likely routes of ex Ingestion:	<b>xposure</b> No data available.	
Inhalation:	No data available.	
Skin Contact:	No data available.	
Eye contact:	No data available.	
Symptoms related to the physica Ingestion:	I, chemical and toxicological characteristics No data available.	
Inhalation:	No data available.	
Skin Contact:	No data available.	
Eye contact:	No data available.	
Information on toxicological effe	cts	
Acute toxicity (list all possible routes of exposure)		
Oral Product:	ATEmix: 33,300.03 mg/kg	
<b>Specified substance(s):</b> (1) Cristobalite	LD 50 (Rat): 5,000 mg/kg	

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Product:	Not classified for acute toxicity based on available data.		
Inhalation Product:	Not classified for acute toxicity based on available data.		
Repeated dose toxicity Product:	No data available.		
Skin Corrosion/Irritation Product:	No data available.		
Serious Eye Damage/Eye Irritati Product:	on No data available.		
Respiratory or Skin Sensitizatio Product:	n No data available.		
Carcinogenicity Product:	No data available.		
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:			
No carcinogenic components	s identified		
US. National Toxicology Program (NTP) Report on Carcinogens: No carcinogenic components identified			
US. OSHA Specifically Reg No carcinogenic components	gulated Substances (29 CFR 1910.1001-1050), as amended: s identified		
Germ Cell Mutagenicity			
In vitro Product:	No data available.		
In vivo Product:	No data available.		
Reproductive toxicity Product:	No data available.		
Specific Target Organ Toxicity - Product:	Single Exposure No data available.		
Specific Target Organ Toxicity -	Repeated Exposure		
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Mobility in soil:	No data available.
Known or predicted distribu	tion to environmental compartments
Red iron oxide	No data available.
(1) Cristobalite	No data available.
Kieselguhr, soda ash flux- calcined	No data available.
Silicic acid, ethyl ester	No data available.
(1) QUARTZ	No data available.
Other adverse effects:	No data available.
13. Disposal considerations	
Disposal instructions:	No data available.
Contaminated Packaging:	Dispose of as unused product.
14. Transport information	

#### DOT

Not regulated.

#### IMDG

Not regulated.

#### ΙΑΤΑ

Not regulated.

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.

# 15. Regulatory information

## **US Federal Regulations**

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) None present or none present in regulated quantities.

# US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.



#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

<u>Chemical Identity</u> Siloxanes and Silicones, di-Me hydroxy terminated	<u>OSHA hazard(s)</u> No OSHA Hazards
Red iron oxide	Causes mild skin irritation.; Respiratory hazard.
(1) Cristobalite	Toxic by inhalation.; Systemic effects
Kieselguhr, soda ash flux- calcined	Toxic by inhalation.; Systemic effects

#### CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

# Hazard categories

Not classified

### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

#### SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

#### SARA 311/312 Hazardous Chemical <u>Chemical Identity</u> <u>Threshold Planning Quantity</u>

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3) None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): None present or none present in regulated quantities.

#### **US State Regulations**

#### US. California Proposition 65



**WARNING:** This product can expose you to chemicals including (1) Cristobalite, which is [are] known to the State of California to cause cancer.

This product can expose you to chemicals including calcium oxide, which is [are] known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.



# US. New Jersey Worker and Community Right-to-Know Act <u>Chemical Identity</u>

Siloxanes and Silicones, di-Me hydroxy terminated Red iron oxide (1) Cristobalite Kieselguhr, soda ash flux-calcined Silicic acid, ethyl ester (1) QUARTZ

#### US. Massachusetts RTK - Substance List

#### Chemical Identity

Red iron oxide (1) Cristobalite (1) QUARTZ

#### US. Pennsylvania RTK - Hazardous Substances

#### Chemical Identity

Red iron oxide (1) Cristobalite Kieselguhr, soda ash flux-calcined Silicic acid, ethyl ester

#### US. Rhode Island RTK

Chemical Identity Red iron oxide MOMENTIVE<sup>®</sup>

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#### **Inventory Status:**

Australia Industrial Chem. Act	Not in compliance with the	Remarks: None.
(AIIC):	inventory.	
Canada DSL Inventory List:	On or in compliance with the	Remarks: None.
	inventory	
Canada NDSL Inventory:	Not in compliance with the	Remarks: None.
	inventory.	
China Inv. Existing Chemical	On or in compliance with the	Remarks: None.
Substances:	inventory	
Japan (ENCS) List:	On or in compliance with the	Remarks: None.
	inventory	
Korea Existing Chemicals Inv.	On or in compliance with the	Remarks: None.
(KECI):	inventory	
New Zealand Inventory of	On or in compliance with the	Remarks: None.
Chemicals:	inventory	
Philippines PICCS:	On or in compliance with the	Remarks: None.
	inventory	
Taiwan Chemical Substance	On or in compliance with the	Remarks: None.
Inventory:	inventory	
US TSCA Inventory:	On or in compliance with the	Remarks: None.
	inventory	
EINECS, ELINCS or NLP:	On or in compliance with the	Remarks: None.
	inventory	

# 16.Other information, including date of preparation or last revision

# **HMIS Hazard ID**

Health	0
Flammability	1
Physical Hazards	0
PERSONAL PROTECTION	

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

Issue Date:	11/09/2021
Revision Date:	No data available.
Version #:	2.3
Further Information:	No data available.



Disclaimer:

### Notice to reader

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

# **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 warrantyor 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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