

Last revised date: 01.02.2023 Supersedes Date: 03.12.2022

RTV9811

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation(EU) No. 2020/878

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

1.1 Product identifier

Product name: RTV9811

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

Identified uses: Silicone catalyst mixture **Uses advised against:** Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distr :

ibutor Information

Momentive Performance Materials GmbH Chempark Leverkusen Gebaeude V7

DE - 51368 Leverkusen

Germany

Contact person : commercial.services@momentive.com

Telephone : General information

+390510924300 (Customer Service Centre)

1.4

Emergency telephone

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

number (0) 1235239671

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

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

Health Hazards

Specific Target Organ Toxicity - Repeated Exposure

Category 2^{1.}

H373: May cause damage to organs through prolonged or repeated exposure.

Target Organs

1. Lung

2.2 Label Elements

Contains: QUARTZ



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Signal Words: Warning

Hazard Statement(s): H373: May cause damage to organs through prolonged or repeated

exposure.

Precautionary Statements

Prevention: P260: Do not breathe dust/fume/gas/mist/vapors/spray.

Disposal: P501: Dispose of contents/container to an appropriate treatment and

disposal facility in accordance with applicable laws and regulations, and

product characteristics at time of disposal.

Unknown toxicity - Health

Acute toxicity, oral 0 %
Acute toxicity, dermal 0 %
Acute toxicity, inhalation, vapor 0 %
Acute toxicity, inhalation, dust 0 %
or mist

Additional Information:

This product is a mixture containing polymer compounds and hazardous substances as listed in section 3. The relevant hazardous classification according to CLP Directive 1272/2008 is stated in section 2 of this SDS. Although the preparation is classified as a hazardous preparation it does not present a danger to human health by inhalation, ingestion or contact with the skin or to aquatic environment in the form in which it is placed on the market. According to Annex I No. 1.3.4.1 of the Directive 1272/2008 such preparations do not require a label.

2.3 Other hazards

Endocrine disrupting properties-Toxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-Ecotoxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Chemical nature: Silicone catalyst mixture

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.		REACH Registration No.	M-Factor:	Notes
QUARTZ	20 - <50%	14808-60-7	238-878-4	Exempt	Not	#

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					applicable	
ALKYL TIN CARBOXYLA TE (27% as Tin)	1 - <5%	43136-18-1	256-113-2	No data available.	Not applicable	#

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

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes		
QUARTZ	STOT RE: 2: H373;			
ALKYL TIN	Acute Tox.: 4: H302;			
CARBOXYLATE (27% as				
Tin)				

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: No data available.

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.

Ingestion: 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

General Fire Hazards: Use standard firefighting procedures and consider the hazards of other

involved materials.

5.1 Extinguishing media

Suitable extinguishing

media:

All standard extinguishing agents are suitable.

Unsuitable extinguishing

media:

Do not use water jet.

5.2 Special hazards arising from the substance or

mixture:

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.

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[#] This substance has workplace exposure limit(s).



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5.3 Advice for firefighters

Special fire-fighting procedures:

Move container from fire area if it can be done without risk. Cool fireendangered containers with water.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be

worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

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

Shovel up and place in a container for salvage or disposal.

6.4 Reference to other

sections:

up:

Caution: Contaminated surfaces may be slippery.

SECTION 7: Handling and storage:

7.1 Precautions for safe

handling:

Use only in well-ventilated areas. See Section 8 of the SDS for Personal

Protective Equipment.

Storage conditions: No data available.

7.2 Conditions for safe storage,

including any incompatibilities:

Keep container tightly closed in a cool, well-ventilated place. Use original

container or packaging of similar material of construction

Storage Stability: Material is stable under normal conditions.

7.3 Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Туре	Exposure Limit Values	Source
QUARTZ - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (01 2020)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (01 2020)
Calcium Carbonate - Respirable.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Inhalable	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
ALKYL TIN CARBOXYLATE (27% as Tin) - as Sn	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
,	STEL	0,2 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Aluminum oxide - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)

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Aluminum oxide - Respirable	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs),
dust.			as amended (12 2011)

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: Ventilation and other forms of engineering controls are preferred for

controlling exposures. Respiratory protection may be needed for non-

routine or emergency situations.

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 necessary protective equipment.

Respiratory Protection: No data available.

Hygiene measures: Avoid contact with eyes, skin, and clothing. Wash hands after handling.

When using do not eat, drink or smoke.

Environmental exposure

controls:

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:solidForm:PasteColor:Off-whiteOdor:Faint

Odor Threshold:No data available.pH:Not applicableMelting Point:No data available.Boiling Point:> 260 °C (1,013 hPa)Flash Point:> 100 °C (Closed Cup)

Evaporation Rate:

Flammability (solid, gas):

Flammability Limit - Upper (%):

Flammability Limit - Lower (%):

Vapor pressure:

Relative vapor density:

Not applicable

No data available.

No data available.

No data available.

No data available.

Ca. 1,5 g/cm3

Relative density: 1,50

Solubility(ies)

Solubility in Water: Insoluble

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Solubility (other): No data available.

Partition coefficient (n-octanol/water) Log

No data available.

Pow:

Autoignition Temperature: No data available.

Decomposition Temperature: No decomposition if stored and applied as directed.

SADT:

Viscosity, dynamic:

No data available.

9.2 Other information

VOC Content: 126 g/l

SECTION 10: Stability and reactivity

10.1 Reactivity: No data available.

10.2 Chemical Stability: Material is stable under normal conditions.

10.3 Possibility of hazardous

reactions:

Hazardous polymerization does not occur.

10.4 Conditions to avoid: None known.

10.5 Incompatible Materials: None known.

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: 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: ATEmix: 34.164,67 mg/kg

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

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CARBOXYLATE (27% as Tin)

Dermal

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

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

CARBOXYLATE (27% as Tin)

Inhalation

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

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27% as

Tin)

Repeated dose toxicity

Product: No data available.

Specified substance(s)

QUARTZ No data available. ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

CARBOXYLATE (27%

as Tin)

Serious Eye Damage/Eye Irritation:

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27%

as Tin)

Respiratory or Skin Sensitization:

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27%

as Tin)

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

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QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27% as

Tin)

In vivo

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27% as

Tin)

Carcinogenicity

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27% as

Tin)

Reproductive toxicity

Product: No data available.

Specified substance(s)

QUARTZ No data available. ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.
CARBOXYLATE (27% as

Tin)

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

QUARTZ No data available. ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

Target Organs:

QUARTZ Lungs

Aspiration Hazard

Product: No data available.

Specified substance(s)

QUARTZ No data available.

ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

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11.2 Information on other hazards

Endocrine disrupting properties

Product: The substance/mixture does not contain components considered to have

endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission

Regulation (EU) 2018/605 at levels of 0.1% or higher.;

Components:

QUARTZ No data available. ALKYL TIN No data available.

CARBOXYLATE (27%

as Tin)

Other effects: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

QUARTZ No data available.
ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin'

Toxicity to Aquatic Plants

Product: No data available.

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Specified substance(s)

No data available. QUARTZ No data available. ALKYL TIN

CARBOXYLATE (27% as

Tin)

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

QUARTZ No data available. **ALKYL TIN** No data available.

CARBOXYLATE (27% as

Tin)

BOD/COD Ratio

No data available. **Product**

Specified substance(s)

QUARTZ No data available. **ALKYL TIN** No data available.

CARBOXYLATE (27% as

12.3 Bioaccumulative potential

No data available. Product:

Specified substance(s)

QUARTZ No data available. ALKYL TIN No data available.

CARBOXYLATE (27% as

Tin)

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

No data available.

QUARTZ No data available. ALKYL TIN No data available.

CARBOXYLATE (27% as

12.5 Results of PBT and vPvB

assessment:

QUARTZ No data available.

ALKYL TIN CARBOXYLATE No data available.

(27% as Tin)

12.6 Endocrine disrupting properties:

Product: The substance/mixture does not contain components considered to have

endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission

Regulation (EU) 2018/605 at levels of 0.1% or higher.

Components:

QUARTZ No data available. **ALKYL TIN** No data available.

CARBOXYLATE (27%

as Tin)

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12.7 Other adverse effects:

Other hazards

Product: No data available.

Additional Information: Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: The generation of waste should be avoided or minimized wherever

possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.

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: This product is not regarded as dangerous goods according to the

national and international regulations on the transport of dangerous goods. Keep away from foodstuffs and animal feed.

14.7 Transport in bulk according to Annex II of MARPOL 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 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

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Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

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

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
ALKYL TIN CARBOXYLATE (27% as Tin)	43136-18-1	1,0 - 10%

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:

Chemical name	CAS-No.	Concentration
QUARTZ	14808-60-7	40 - 50%

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:

Chemical name	CAS-No.	Concentration
QUARTZ	14808-60-7	40 - 50%

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I: None present or none present in regulated quantities.

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:

Chemical name	CAS-No.	Concentration
Calcium Carbonate	471-34-1	1,0 - 10%
ALKYL TIN CARBOXYLATE (27% as Tin)	43136-18-1	1,0 - 10%
Aluminum oxide	1344-28-1	0.1 - 1.0%

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

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REACH: If purchased from Momentive Remarks: None.

> Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other

reactants.

Australia Industrial Chem. Act

(AIIC):

Canada DSL Inventory List:

Canada NDSL Inventory:

China Inv. Existing Chemical Substances:

Japan (ENCS) List:

Korea Existing Chemicals Inv.

(KECI):

New Zealand Inventory of

Chemicals:

Taiwan Chemical Substance

Inventory:

US TSCA Inventory:

Philippines PICCS:

Not in compliance with the

inventory.

On or in compliance with the

inventory Not in compliance with the

inventory. On or in compliance with the

inventory

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Remarks: None. Remarks: None.

Remarks: None.

Remarks: None.

Remarks: None.

Remarks: None.

Remarks: None.

Remarks: None.

Remarks: None.

Remarks: None.

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

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated

exposure.

Training information: No data available.

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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 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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