

RTV560/DBT 012-PailKit(12.063LB-5.477Kg)

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: RTV560/DBT 012-PailKit(12.063LB-5.477Kg)

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

Identified uses: Silicone Elastomer

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Performance Materials
B-3, Sipcot Industrial Growth Center,
Oragadam, Sriperumbudur
IN - Kancheepuram Dist - 602105

Contact person : MomentiveEMEA.productsteward@momentive.com

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00800.4321.1000 (Customer Service Centre)

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

Additional Information: EUH210: Safety data sheet available on request.
No data available.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

Chemical nature: Polydimethylsiloxane with filler and coloured pigment.

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 |
|---------------------------|---------------|------------|-----------|------------------------|--------------------|-------|
| Red iron oxide | 20 - <50% | 1309-37-1 | 215-168-2 | No data available. | No data available. | # |
| Diatomaceous Earth | 10 - <20% | 68855-54-9 | 272-489-0 | No data available. | No data available. | # |
| Cristobalite | 5 - <10% | 14464-46-1 | 238-455-4 | No data available. | No data available. | # |
| Silicic acid, ethyl ester | 1 - <5% | 11099-06-2 | 234-324-0 | No data available. | No data available. | |
| QUARTZ | 0,1 - <1% | 14808-60-7 | 238-878-4 | Exempt | 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 |
|---------------------------|--------------------------------------------------------------------------|-------|
| Red iron oxide | No data available. | |
| Diatomaceous Earth | No data available. | |
| Cristobalite | STOT RE: 1: H372 | |
| Silicic acid, ethyl ester | Flam. Liq.: 3: H226 STOT SE: 3: H335Eye Dam.: 2: H319Acute Tox.: 4: H302 | |
| QUARTZ | STOT RE: 2: H373 | |

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. Get medical attention if symptoms occur.

Skin Contact: After contact with skin, remove product mechanically. Wash area with soap and water.

Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Consult a physician for specific advice.

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.

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Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: 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.

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: No data available.

5.3 Advice for firefighters
Special fire fighting procedures: All equipment used when handling the product must be grounded.

Special protective equipment for fire-fighters: Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

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: Absorb spillage with suitable absorbent material. Sweep up and shovel into suitable containers for disposal. Clean thoroughly.

6.4 Reference to other sections: No data available.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling: Avoid contact with skin and eyes. 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

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| Chemical name | type | Exposure Limit Values | Source |
|---------------------------------------|------|-----------------------|-----------------------------------------------------|
| Red iron oxide - Fume. - as Fe | STEL | 10 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Red iron oxide - Respirable. | TWA | 4 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Red iron oxide - Inhalable | TWA | 10 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Red iron oxide - Fume. - as Fe | TWA | 5 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Diatomaceous Earth - Inhalable dust. | TWA | 6 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Diatomaceous Earth - Respirable dust. | TWA | 2,4 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Diatomaceous Earth - Respirable. | TWA | 0,1 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Cristobalite - Respirable. | TWA | 0,1 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| Cristobalite - Fiber. | TWA | 5 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |
| QUARTZ - Respirable. | TWA | 0,1 mg/m3 | UK. EH40 Workplace Exposure Limits (WELs) (12 2011) |

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.

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. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. 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:

liquid

Form:

liquid

Color:

Red

Odor:

Faint

Odor Threshold:

No data available.

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| | |
|---------------------------------------------------------|-----------------------------------------------------|
| pH: | No data available. |
| Freezing point: | No data available. |
| Boiling Point: | > 285 °C |
| 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. 1,42 g/cm ³ |
| Relative density: | No data available. |
| 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: | ca. 30.000 mPa·s |
| 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: | 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. |

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Skin Contact: No data available.

Eye contact: No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product: ATEmix: 31.830,91 mg/kg
Specified substance(s)
Red iron oxide LD 50 (Rat): > 10.000 mg/kg

Diatomaceous Earth No data available.
Cristobalite LD 50 (Rat): 5.000 mg/kg

Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Dermal

Product: Not classified for acute toxicity based on available data.
Specified substance(s)
Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Inhalation

Product: ATEmix367,65 mg/l Dusts, mists and fumes

Specified substance(s)
Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Repeated dose toxicity

Product: No data available.
Specified substance(s)
Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)
Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Serious Eye Damage/Eye Irritation:

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Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

Respiratory or Skin

Sensitization:

Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

In vivo

Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

Carcinogenicity

Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

Reproductive toxicity

Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |

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QUARTZ No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Target Organs:

QUARTZ Lungs

Aspiration Hazard

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.

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Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Red iron oxide No data available.
Diatomaceous Earth No data available.
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
QUARTZ No data available.

12.3 Bioaccumulative Potential

Product: No data available.

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Specified substance(s)

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

12.4 Mobility in Soil: No data available.

Known or predicted distribution to environmental compartments

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | No data available. |

12.5 Results of PBT and vPvB assessment: No data available.

| | |
|---------------------------|--------------------|
| Red iron oxide | No data available. |
| Diatomaceous Earth | No data available. |
| Cristobalite | No data available. |
| Silicic acid, ethyl ester | No data available. |
| QUARTZ | 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

Not regulated.

IATA

Not regulated.

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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 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:

| Chemical name | CAS-No. | Concentration |
|----------------------------------------|---------|---------------|
| Tetraethyl Silicate, Tetraethoxysilane | 78-10-4 | 0,1 - 1,0% |

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

| | |
|--------------------------------------------------|----------------------|
| Australia AICS: | y (positive listing) |
| Canada DSL Inventory List: | 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 NDSL Inventory: | n (Negative listing) |
| Philippines PICCS: | y (positive listing) |

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| | |
|-------------------------------------|----------------------|
| US TSCA Inventory: | y (positive listing) |
| New Zealand Inventory of Chemicals: | 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

| | |
|------|--------------------------------------------------------------------|
| H226 | Flammable liquid and vapor. |
| H302 | Harmful if swallowed. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

Training information: No data available.

Issue Date: 08.06.2016

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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