



SAFETY DATA SHEET RTV Silicone Base

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

1.1. Product identifier

Product name RTV Silicone Base

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

Main use category Industrial use, Professional use

Identified uses Industrial silicone mould-making

Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier INDUSTRIAL PLASTERS LTD
63 Netherstreet, Bromham
CHIPPENHAM
SN15 2DP
+44 (0) 1380 850 616
info@industrialplasters.com

1.4. Emergency telephone number

Emergency telephone Industrial Plasters Ltd +44 (0) 1380 850 616 (Business days 08:00-16:30)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Acute Tox. 4 - H302 STOT SE 3 - H335

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H335 May cause respiratory irritation.

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Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P330 Rinse mouth. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.
Contains	Cyclomethicone (Poly(dimethyl siloxane))

2.3. Other hazards

Other hazards	H332 Harmful if inhaled.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Cyclomethicone (Poly(dimethyl siloxane))	45-65%
CAS number:—	
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
STOT SE 3 - H335	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section

16. Ingredient notes	Contains Silicone Dioxide 20-40%
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hydrocarbons

hydro carbons

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention.

Revision date:
Skin contact

Industrial Plasters Ltd Safety Data Sheet RTV Silicone Base Revision: 3 Supersedes date:
Wash immediately with plenty of soap and water. Get medical attention if symptoms
are severe or persist after washing.

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Eye contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower lids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide. Extinguish with dry sand.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Burning produces irritating, toxic and obnoxious fumes. Carbon monoxide (CO). Carbon dioxide (CO₂). Formaldehyde (HCHO)

5.3. Advice for

firefighters

Use water to keep fire exposed containers cool and disperse vapours. Fight fire remotely due to the risk of explosion.

Protective actions

during firefighting

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Promptly remove any clothing that becomes contaminated.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with the following materials: Acids. Alkalies. Organic solvents. Strong oxidants. Protect from light.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures not exceeding 40° C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Ensure there is sufficient ventilation of the area.

Eye/face protection

Tight fitting protective goggles with side protection (EN166)

Hand protection

Wear protective gloves made of the following material: Nitrile rubber. Polyethylene.

Other skin and body protection

Wear protective clothing.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

Environmental exposure controls

Do not allow discharge into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour

White. Odour

Slight.

Initial boiling point and range Not determined.

Flash point > 100° C Closed cup.

Vapour pressure Not known.

Solubility(ies) Indispersible in water. Auto-ignition temperature 380° C

Viscosity 25000-30000 mPa s @ 25° C

Explosive properties Not known.

9.2. Other information

Volatility Not volatile.

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid Keep at temperature not exceeding 40° C. Keep away from heat, sparks and open flame.
Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Acids. Alkalies. Amines. Organic solvents. Oxidising agents.

10.6. Hazardous decomposition products

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Hazardous decomposition products Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 833.33

Skin corrosion/irritation

Skin corrosion/irritation May cause skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes eye irritation.

Respiratory sensitisation

Respiratory sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity No data recorded.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB No data available.
assessment

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Avoid the spillage or runoff entering drains, sewers or watercourses. Dispose of this material and its container to hazardous or special waste collection point.

SECTION 14: Transport information

General No other information known.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

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National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended).
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Compliance Manager
Revision date	16/05/2019
Revision	3
Supersedes date	16/05/2019
SDS number	22778
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H335 May cause respiratory irritation.

DIRECTIONS FOR USE

PRODUCT LOGO

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the usage of this product is fit for a particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.