



SAFETY DATA SHEET SILICONE RUBBER...

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

1.1. Product identifier

Product name	SILICONE RUBBER...
Product number	12319
Synonyms; trade names	XIAMETER S12723, XIAMETER S50064, XIAMETER S2455 SILICONE RUBBER, XIAMETER S51-50-01 SILICONE RUBBER, XIAMETER S20-01 SILICONE RUBBER, XIAMETER S5608 SILICONE RUBBER, SILASTIC S2455-12 SILICONE RUBBER BLACK, SILASTIC EHX 60EHT00, SILASTIC EHX RED 3016, SILASTIC EHX BLACK, SILASTIC EHX 30MGP00 GREY, SILASTIC EHX 50EGP00 BLACK, XIAMETER LT50-01, XIAMETER LT50-02, SILASTIC EHX70BSG00 NATURAL, SILASTIC S550-50-02 SILICONE RUBBER, SILASTIC S27-50-20 SILICONE RUBBER, SILASTIC S76-45-01 SILICONE RUBBER, SILASTIC S65-60-01 SILICONE RUBBER, XIAMETER S30-60-31 SILICONE RUBBER RED, SILASTIC EHX 60EGP00 TRANSLUCENT, XIAMETER S50172-60-01 SILICONE RUBBER, SILASTIC S 2351-02 SILICONE RUBBER, XIAMETER SILICONE RUBBER, XIAMETER S31-40-27 SILICONE RUBBER

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

Identified uses	Polymers Process Additive Polymer Additive
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1.3. Details of the supplier of the safety data sheet

Supplier	Univar Solutions UK Ltd Aquarius House 6 Mid Point Business Park Bradford BD3 7AY +44 1274 267300 +44 1274 267306 SDS.EMEA@univarsolutions.com
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1.4. Emergency telephone number

Emergency Contact Number (Outside Office Hours)	SGS - +32 (0)3 575 55 55 (24h)
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Sds No.	12319
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Repr. 2 - H361f
Environmental hazards	Not Classified

2.2. Label elements

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Hazard pictograms



Signal word	Warning
Hazard statements	H361f Suspected of damaging fertility.
Precautionary statements	EUH210 Safety data sheet available on request.
Contains	OCTAMETHYLCYCLOTETRASILOXANE

2.3. Other hazards

This product contains a substance classified as vPvB. This product contains a substance classified as PBT.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

OCTAMETHYLCYCLOTETRAILOXANE			1-5%
CAS number: 556-67-2	EC number: 209-136-7	REACH registration number: 01-2119529238-36-XXXX	
M factor (Chronic) = 10			
ATE: Acute Toxicity Estimate.Oral> 4800mg/kg			
ATE: Acute Toxicity Estimate.Dermal> 2400mg/kg			
ATE: Acute Toxicity Estimate.Inhalation36mg/l4hourDust/Mist			
Classification			
Flam. Liq. 3 - H226			
Repr. 2 - H361f			
Aquatic Chronic 1 - H410			
ORGANIC PEROXIDE			1-5%
CAS number: —			
Classification			
Org. Perox. C - H242			
Skin Irrit. 2 - H315			
Eye Irrit. 2 - H319			
STOT SE 3 - H335			
Aquatic Chronic 2 - H411			

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

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Skin contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Eye contact	May cause temporary eye irritation.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases or vapours. Carbon monoxide (CO). Carbon dioxide (CO ₂). Formaldehyde Nitrous gases (NO _x). Chlorine. Sulphurous gases (SO _x). Fluorinated compounds
Hazardous combustion products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Contain and collect extinguishing water.
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	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Collect and place in suitable waste disposal containers and seal securely. In case of spills, beware of slippery floors and surfaces. Collect spillage with a shovel and broom, or similar and reuse, if possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid contact with eyes. Provide adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required.
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7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions Avoid contact with oxidising agents. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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

Occupational exposure limits

OCTAMETHYLCYCLOTETRASILOXANE

Long-term exposure limit (8-hour TWA): SUP 10 ppm

Ingredient comments No exposure limits known for ingredient(s).

OCTAMETHYLCYCLOTETRASILOXANE (CAS: 556-67-2)

DNEL

Workers - Inhalation; Short term systemic effects: 73 mg/m³
 Workers - Inhalation; Short term local effects: 73 mg/m³
 Workers - Inhalation; Long term systemic effects: 73 mg/m³
 Workers - Inhalation; Long term local effects: 73 mg/m³
 Consumer - Inhalation; Short term systemic effects: 13 mg/m³
 Consumer - Inhalation; Short term local effects: 13 mg/m³
 Consumer - Inhalation; Long term systemic effects: 13 mg/m³
 Consumer - Inhalation; Long term local effects: 13 mg/m³
 Consumer - Oral; Short term systemic effects: 3.7 mg/kg/day
 Consumer - Oral; Long term systemic effects: 3.7 mg/kg/day

PNEC

- Fresh water; 0.00044 mg/l
 - marine water; 0.000044 mg/l
 - Sediment (Freshwater); 0.64 mg/kg
 - Sediment (Marinewater); 0.064 mg/kg
 - Soil; 0.13 mg/kg
 - STP; > 10 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear rubber apron. Wear rubber footwear.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

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Respiratory protection Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Rubber

Colour Various colours.

Relative density >1 @ °C

Solubility(ies) Insoluble in water.

9.2. Other information

Other information Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Strong oxidising agents.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Formaldehyde Nitrous gases (NOx). Sulphurous gases (SOx). Chlorine. Fluorinated compounds

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation No significant hazard at normal ambient temperatures. Heating may generate the following products: Toxic gases or vapours.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged and frequent contact may cause redness and irritation.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

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Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product contains a substance classified as PBT. This product contains a substance classified as vPvB.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).
EU legislation	Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). 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).
Guidance	CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations.
Restrictions (Annex XVII Regulation 1907/2006)	This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES. Entry number: 70
Inventory Information	EINECS

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	27/04/2015
Version number	1.001
Supersedes date	05/03/2012
SDS number	12319
SDS status	Approved.
Hazard statements in full	H242 Heating may cause a fire. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H361f Suspected of damaging fertility. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.
Signature	Jitendra Panchal