



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Silicone Special 250 red 70ml

Version 1.2

Revision Date 26.02.2010

Print Date 03.03.2010

GB / EN

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Commercial Product Name : Silicone Special 250 red 70ml

Product code : 0890321
MSDS-Identcode : 10009258
Company : Würth UK Ltd
1 Centurion Way
Erith, Kent
United Kingdom

Telephone : +44 (0)208 319 6000
Telefax : +44 (0)208 319 6400

Company : WÜRTH IRELAND LTD.
Monaclinoe Ind. Est. Ballysimon Road
Limerick
Ireland

Telephone : +353 61 430200
Telefax : +353 61 412428

Responsible/issuing person : prodsafe.wurth@technidata.com
Emergency telephone : National Chemical Emergency Centre
+44 (0)870 190 6777

Use : Sealant

2. HAZARDS IDENTIFICATION

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	EC-No. / Registration number	Classification	Concentration [%]
Methylsilanetriyl triacetate	4253-34-3	224-221-9	C; R34 R14	>= 2 - < 3
propyltriacetoxysilane	17865-07-5	241-816-9	C; R14-R34	>= 1,5 - < 2

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES



SAFETY DATA SHEET

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Silicone Special 250 red 70ml

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General advice	: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
Inhalation	: If breathed in, move person into fresh air.
Skin contact	: Wash off with polyethylene glycol and afterwards with plenty of water.
Eye contact	: If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion	: If swallowed, DO NOT induce vomiting. If symptoms persist, call a physician. If a person vomits when lying on his back, place him in the recovery position.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: High volume water jet
Specific hazards	: Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products may be formed under fire conditions (see section 10). Exposure to decomposition products may be a hazard to health.
Special protective equipment for fire-fighters	: Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment.
Further information	: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation, especially in confined areas. Avoid inhalation of vapour or mist.
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Environmental precautions : Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : For personal protection see section 8. Do not breathe vapours or spray mist. Avoid contact with skin and eyes.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Dust explosion class : not applicable

Storage

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage : Reacts with water. Incompatible with acids and bases. Avoid amines. Keep away from food, drink and animal feedingstuffs.

Storage period : 12 Months

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Control parameters	Basis	Update
Diiron trioxide	1309-37-1	TWA (Inhalable): 10 mg/m ³ , 1, 42, 43, 44, 45, 2, TWA (Respirable): 4 mg/m ³ , 1, 42, 43, 44, 45, 2,	GB EH40	2007-08-01

Hazardous decomposition products



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Components	CAS-No.	Control parameters	Basis	Update
Acetic acid	64-19-7	TWA: 25 mg/m ³ , 10 ppm	91/322/EEC	1991-07-05

Other information on limit values: see chapter 16

Engineering measures

Provide adequate ventilation.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Respirator with filter type ABEK

Hand protection

Material : Rubber gloves
Directive : DIN EN 374

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : In case of splash hazard, please wear protective goggles.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.



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Version 1.2

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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid breathing vapors, mist or gas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : paste
Colour : various
Odour : stinging

Safety data

Flash point : no data available
Lower explosion limit : no data available
Upper explosion limit : no data available
Oxidizing properties : No oxidising effect.

pH : acidic
Melting point/range : no data available
Boiling point/boiling range : no data available
Vapour pressure : no data available
Density : no data available
Water solubility : insoluble
Viscosity, kinematic : > 7 mm²/s at 40 °C

10. STABILITY AND REACTIVITY

Conditions to avoid : Protect from moisture.
Materials to avoid : Acids and bases, Alcohols , Amines
Hazardous decomposition products : Carbon oxides, Formaldehyde, Acetic acid
Hazardous reactions : Ethanoic acid is formed during the processing.
Stability : No decomposition if stored and applied as directed.



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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

Methylsilanetriyl triacetate : no data available

Skin irritation:

Methylsilanetriyl triacetate : Extremely corrosive and destructive to tissue.

Eye irritation:

Methylsilanetriyl triacetate : Blindness

12. ECOLOGICAL INFORMATION

Adsorbed organic bound halogens (AOX) : not included

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

13. DISPOSAL CONSIDERATIONS

Advice on disposal and packaging : Disposal:
In accordance with local and national regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste.

Waste Code (EWC) : Waste Key (unused product):
080409, waste adhesives and sealants containing organic solvents or other dangerous substances

Waste key (used product):
080409, waste adhesives and sealants containing organic solvents or other dangerous substances

Disposal of uncleaned packaging : Waste key (uncleaned packaging):
150110, packaging containing residues of or contaminated by dangerous substances

Note: Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of as unused



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14. TRANSPORT INFORMATION

ADR

Not dangerous goods

RID

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

15. REGULATORY INFORMATION

Labelling according to EC Directives

Special labelling of certain mixtures : Safety data sheet available on request for professional users.

Further information : Reserved for industrial and professional use.

Seveso Directive (96/82/EC) : Update: 2003
Directive 96/82/EC does not apply

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

R14 Reacts violently with water.
R34 Causes burns.

Other information

- 1 For the purposes of these limits, respirable dust and inhalable dust are those fractions of the airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, as amended by the ISO/CEN convention.
- 2 Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used
- 42 The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg/m³ 8-hour TWA of inhalable dust or 4 mg/m³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Advice on control is given in EH44 and in the great majority of workplaces reasonable control measures will normally keep exposure below these levels. However some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit.



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- 43 Most of industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'.
- 44 Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS 14/3.
- 45 Where dusts contain components that have their own assigned workplace exposure limits, all the relevant limits should be complied with.

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.

Prepared by: : TechniData BCS GmbH
Birlenbacher Str. 19
D-57078 Siegen
Germany
Telephone: +49-(0)271-88072-0

Ref.: WIAG00003564