



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Loctite 5910 Black HP_80ml EDFNTZC0001LE

SDS no. : 152856
V001.3

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RS REACH MSDS Date 01/12/08

1. Identification of the substance/preparation and of the company/undertaking

Trade name:

Loctite 5910 Black HP_80ml EDFNTZC0001LE

Company name:

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Emergency information:

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2. Hazards identification

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitization by skin contact.

3. Composition / information on ingredients

General chemical description:

Silicone sealant

Declaration of ingredients according to EC/1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Silicon compounds		1 - 5 %	Xi - Irritant; R36/38, R43
Butanone oxime 96-29-7	202-496-6	1 - 5 %	carcinogenic, category 3; R40 Xn - Harmful; R21 Xi - Irritant; R41 R43

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

Methyl ethyl ketoxime is formed during cure.

4. First aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Rinse with running water and soap.
Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Do not induce vomiting.
Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

carbon dioxide, foam, powder

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Hazardous combustion products:

Formaldehyde, Silica fume

6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

Scrape up as much material as possible.
Ensure adequate ventilation.
Store in a partly filled, closed container until disposal.

7. Handling and storage

Handling:

Use only in well-ventilated areas.
Vapours should be extracted to avoid inhalation

Storage:

Store in a cool, well-ventilated place.
Never allow product to get in contact with water during storage

8. Exposure controls / personal protection

Respiratory protection:

Use only in well-ventilated areas.

Hand protection:

The use of chemical resistant gloves such as Nitrile are recommended
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Wear protective glasses.

General protection and hygiene measures:

Good industrial hygiene practices should be observed

9. Physical and chemical properties

General characteristics:

Appearance	paste black
Odor:	Mild

Phys./chem. properties:

pH-value	not applicable
Boiling point	> 200 °C (> 392 °F)
Flash point	not applicable
Vapor pressure (20 °C (68 °F))	< 0,1 mm Hg
Density ()	1,31 g/cm ³
Solubility (qualitative) (Solvent: Water)	Polymerises in presence of water
Solubility (qualitative) (Solvent: Acetone)	partially soluble
VOC content (2004/42/EC)	< 5,00 % (As defined in the Council Directive 2004/42/EC)

10. Stability and reactivity

Conditions to avoid:

Stable
Exposure to air or moisture over prolonged periods.

Materials to avoid:

Polymerises in presence of water

Hazardous decomposition products:

Methyl ethyl ketoxime formed during cure.
Methanol is liberated slowly upon exposure to moisture.

11. Toxicological information

Oral toxicity:

May cause irritation to the digestive tract.
Ingestion of large quantities may cause liver or kidney damage.

Inhalative toxicity:

Methylethyl ketoxime released during polymerisation of oxime curing RTV silicones is irritating to the respiratory system

Skin irritation:

Methylethyl ketoxime released during polymerisation of oxime curing silicones. It is harmful in contact with skin and is a skin sensitizer.

Eye irritation:

May cause mild irritation to the eyes.

Other remarks:

Limited evidence of a carcinogenic effect
Contains a substance classified R40 in the EU: >1%.

12. Ecological information

Ecotoxicity:

Do not empty into drains / surface water / ground water.
It is expected to be non hazardous to aquatic species.

Mobility:

Cured adhesives are immobile.

Persistence and Biodegradability:

The product is not biodegradable.

Bioaccumulative potential:

Does not bioaccumulate.

General ecological information:

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.
Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

13. Disposal considerations

Product disposal:

Dispose of in accordance with local and national regulations.
Contribution of this product to waste is very insignificant in comparison to article in which it is used

Waste code(EWC):

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.
Disposal must be made according to official regulations.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

Xn - Harmful



Contains

Butanone oxime,
Silicon compounds

Risk phrases:

R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitization by skin contact.

Safety phrases:

- S23 Do not breathe vapour.
- S24 Avoid contact with skin.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 After contact with skin, wash immediately with plenty of water and soap.
- S36/37 Wear suitable protective clothing and gloves.

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R21 Harmful in contact with skin.
- R36/38 Irritating to eyes and skin.
- R40 Limited evidence of a carcinogenic effect.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitization by skin contact.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.