



Safety Data Sheet according to (EC) No 1907/2006

Page 1 of 6

5331 WHITE 100ML GB

sds no. : 152750
V002.1

Revision: 06.05.2011
printing date: 08.06.2011

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

Product identifier:

5331 WHITE 100ML GB

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

Intended use:
Silicone sealant

Details of the supplier of the safety data sheet:

Henkel Ireland Limited
Product Safety & Regulatory Affairs
Tallaght Business Park, Whitestown
Dublin 24

Ireland

Phone: +353 (14046444)

Fax-no.: +353 (14519926)

ua-productsafety.uk@uk.henkel.com

Emergency telephone number:

24 Hours Emergency Tel: +44 (0)1442 278497

2. Hazards identification

Classification of the substance or mixture:

Classification (DPD):

No classification required.

Label elements (DPD):

Risk phrases:

Not classified as hazardous.

Other hazards:

None if used properly.

3. Composition/information on ingredients

General chemical description:

Acetoxy curing silicone

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Methyltriacetoxysilane 4253-34-3	224-221-9	1- 5 %	

Only dangerous ingredients for which a CLP classification is already available are displayed in this table.
For full text of the H - statements and other abbreviations see section 16 "Other information".

Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to DPD (EC) No 1999/45:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Methyltriacetoxysilane 4253-34-3	224-221-9	1 - 5 %	R14 C - Corrosive; R34 Xn - Harmful; R22

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.

4. First aid measures

Description of 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.

Most important symptoms and effects, both acute and delayed:

No particular measures required.

Indication of any immediate medical attention and special treatment needed:

See section: Description of first aid measures

5. Firefighting measures

Extinguishing media:

Suitable extinguishing media:

Carbon dioxide, foam, powder

Fine water spray

Extinguishing media which must not be used for safety reasons:

None known

Special hazards arising from the substance or mixture:

None

carbon oxides.

Silica fume

Formaldehyde

Advice for firefighters:

Wear self-contained breathing apparatus.

Additional information:

In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes.
Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Methods and material for containment and cleaning up:

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

Reference to other sections:

See advice in chapter 8

7. Handling and storage**Precautions for safe handling:**

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

Hygiene measures:

Good industrial hygiene practices should be observed.

Conditions for safe storage, including any incompatibilities:

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

Specific end use(s):

Silicone sealant

8. Exposure controls/personal protection**Control parameters:**

Valid for
Great Britain

Ingredient	ppm	mg/m ³	Type	Category	Remarks
SILICA, AMORPHOUS, RESPIRABLE DUST 112945-52-5		2,4	Time Weighted Average (TWA):		EH40 WEL
SILICA, AMORPHOUS, INHALABLE DUST 112945-52-5		6	Time Weighted Average (TWA):		EH40 WEL
SILICA, RESPIRABLE CRYSTALLINE 14808-60-7		0,1	Time Weighted Average (TWA):		EH40 WEL

Exposure controls:

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.

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Wear protective glasses.

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance	liquid white
Odor	Acetic acid
pH	not applicable
Initial boiling point	Not determined
Flash point	> 100 °C (> 212 °F)
Decomposition temperature	No data available / Not applicable
Vapour pressure	Not determined
Density	1,14 g/cm ³
()	
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative)	Polymerises in presence of water.
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	Heavier than air
Oxidising properties	No data available / Not applicable

Other information:

No data available / Not applicable

10. Stability and reactivity

Reactivity:

Strong oxidizing agents.

Polymerises in presence of water.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

See section reactivity

Conditions to avoid:

Stable under normal conditions of storage and use.

Incompatible materials:

No data available.

Hazardous decomposition products:

Acetic acid is liberated slowly upon contact with moisture.
At high temperatures (>150C) may release formaldehyde (traces).

11. Toxicological information

General toxicological information:

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Oral toxicity:

This material is considered to have low toxicity if swallowed.

Inhalative toxicity:

Acetic acid is liberated slowly upon contact with moisture.
Inhalation of vapors in high concentration may cause irritation of respiratory system

Skin irritation:

Prolonged or repeated contact may cause skin irritation.

Eye irritation:

Acetic acid released during polymerisation of acetoxy curing RTV silicones is irritating to the eyes

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Methyltriacetoxysilane 4253-34-3	LD50	1.600 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)

12. Ecological information

General ecological information:

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.
In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used.
Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.
The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Mobility:

Cured adhesives are immobile.

13. Disposal considerations

Waste treatment methods:**Product disposal:**

Dispose of in accordance with local and national regulations.

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.

Waste code

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

14. Transport information

Road transport ADR:

Not dangerous goods

Railroad transport RID:

Not dangerous goods

Inland water transport ADN:

Not dangerous goods

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

15. Regulatory information

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

VOC content < 5 % (As defined in the Council Directive 2004/42/EC)
(2004/42/EC)

16. Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R14 Reacts violently with water.

R22 Harmful if swallowed.

R34 Causes burns.

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.