

# Safety Data Sheet

According to Regulation (EC) No. 1272/2008 (CLP) and (EC) No. 1907/2006 (REACH)

Initial preparation date: 01.18.2019

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## Silicone Sealant - Acetoxy - White

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

#### 1.1 Product identifier

**Product Name:** Silicone Sealant - Acetoxy - White

**Product code:** 31312, 31912



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

**Relevant identified uses:** Not determined or not applicable.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

#### 1.3 Details of the manufacturer/supplier of the safety data sheet

**Manufacturer:**

**North America**

JB Weld Company, LLC  
400 CMH Road  
Sulpher Springs, TX 75482  
903-885-7696  
info@jbweld.com

**Supplier:**

**European Union**

JRP Distribution Ltd.  
Unit 3 New Wharf Brighton Road  
Shoreham by Sea, BN43 6RN

#### 1.4 Emergency telephone number:

**United Kingdom**

CHEMTREC

1-703-527-3887

+(44)-870-8200418 (London)

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No. 1272/2008 (CLP):**

Carcinogenicity, category 1B

Skin irritation, category 2

**Hazard-determining components of labeling:**

Distillates (petroleum), hydrotreated medium

Methylsilanetriyl triacetate

Triacetoxylethylsilane

#### 2.2 Label elements

**Hazard pictograms:**



**Signal word:** Danger

**Hazard statements:**

H350 May cause cancer.

H315 Causes skin irritation.

**Precautionary statements:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash skin thoroughly after handling.

P308+P313 If exposed or concerned: Get medical advice/attention

P321 Specific treatment (see supplemental first aid instructions on this label).

P302+P352 IF ON SKIN: Wash with plenty of water/soap.

P332+P313 If skin irritation occurs: Get medical advice/attention

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P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local regulation.

### 2.3 Other hazards: None known

## SECTION 3: Composition/information on ingredients

### 3.1 Substance: Not applicable.

### 3.2 Mixture:

Identification	Name	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Weight %
CAS number: 70131-67-8	Polydimethylsiloxane	Not classified	<90
CAS number: 1317-65-3 EC number: 215-279-6	Limestone	Not classified	<35
CAS number: 63148-62-9	Dimethyl siloxane	Not classified	<10
CAS number: 64742-46-7 EC number: 265-148-2	Distillates (petroleum), hydrotreated medium	Carc. 1B; H350	<10
CAS number: 1333-86-4 EC number: 215-609-9	Bounded Carbon Black	Not classified	<5
CAS number: 13463-67-7 EC number: 236-675-5	Titanium Dioxide	Not classified	<5
CAS number: 7631-86-9 EC number: 231-545-4	Silicon Dioxide	Not classified	<5
CAS number: 1332-37-2 EC number: 215-570-8	Iron Oxide	Not classified	<5
CAS number: 147-14-8 EC number: 205-685-1	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	Not classified	<5
CAS number: 17689-77-9 EC number: 241-677-4	Triacetoxylethylsilane	Skin Corr. 1B; H314	<2
CAS number: 4253-34-3 EC number: 224-221-9	Methylsilanetriyl triacetate	Skin Corr. 1B; H314	<2

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### Additional information:

Although this product contains Titanium Dioxide, the Titanium Dioxide is bound and the particles are not of respirable size.

Carbon black is classified as a carcinogen only in its respirable form. Since the carbon black in this product is not respirable, the product itself is not classified as a carcinogen in the form presented.

**Full Text of H and EUH statements:** See section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes:

Not determined or not available.

#### Following inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

#### Following skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

Take off all contaminated clothing

Gently blot or brush away excess product

Wash with plenty of lukewarm, gently flowing water

Get medical advice if skin irritation occurs or you feel unwell

#### Following eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

#### Following ingestion:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

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

#### Acute symptoms and effects:

Not determined or not available.

#### Delayed symptoms and effects:

Not determined or not available.

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

#### Specific treatment:

Not determined or not available.

#### Notes for the doctor:

Not determined or not available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

#### Unsuitable extinguishing media:

Not determined or not applicable.

### 5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

### 5.3 Advice for firefighters

#### Personal protection equipment:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

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### Special precautions:

Not determined or not applicable.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.  
Ensure air handling systems are operational.  
Wear protective eye wear, gloves and clothing.

### 6.2 Environmental precautions:

Should not be released into the environment.  
Prevent from reaching drains, sewer or waterway.

### 6.3 Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.  
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).  
Dispose of contents / container in accordance with local regulations.

### 6.4 Reference to other sections:

Not determined or not applicable.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling:

Use only with adequate ventilation.  
Avoid breathing mist or vapor.  
Do not eat, drink, smoke or use personal products when handling chemical substances.

### 7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.  
Protect from freezing and physical damage.  
Store in a cool, well-ventilated area.

### 7.3 Specific end use(s):

Not determined or not applicable.

## SECTION 8: Exposure controls/personal protection



### 8.1 Control parameters

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Romania	Dimethyl siloxane	63148-62-9	8-Hour TWA: 200 mg/m <sup>3</sup>
	Dimethyl siloxane	63148-62-9	15-minute STEL: 300 mg/m <sup>3</sup>
	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Titanium Dioxide	13463-67-7	OEL: STEL 15 mg/m <sup>3</sup> 15-min
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 5 mg/m <sup>3</sup> (Mineral oils)
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 10 mg/m <sup>3</sup> (Mineral oils)
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 100 mg/m <sup>3</sup> [Solvent naphtha (coal tar)]
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 200 mg/m <sup>3</sup> [Solvent naphtha (coal tar)]
Bulgaria	Distillates (petroleum), hydrotreated medium	64742-46-7	TWA: 5.0 mg/m <sup>3</sup> (Oil - mineral, petroleum)
	Limestone	1317-65-3	TWA: 10 mg/m <sup>3</sup>
	Silicon Dioxide	7631-86-9	TWA: 0.07 mg/m <sup>3</sup> (Free silicon dioxide, amorphous, synthetic from condensation and electrothermal processes, respirable fraction)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Respirable dust)
	Silicon Dioxide	7631-86-9	TWA: 4 mg/m <sup>3</sup> ( Free silicon dioxide, amorphous and crystalline, from natural sedimentation (opal, chalcedony, etc.), inhalable fraction)
	Silicon Dioxide	7631-86-9	TWA: 10 mg/m <sup>3</sup> (Free silicon dioxide, amorphous, synthetic from condensation and electrothermal processes, inhalable fraction)
Czech Republic	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 5 mg/m <sup>3</sup> (Mineral oils, aerosol)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Ceiling limit (NPK-P): 10 mg/m <sup>3</sup> (Mineral oils, aerosol)
	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup>
	Bounded Carbon Black	1333-86-4	Government Decree 361/2007 Sb.: TWA 2.0 mg/m <sup>3</sup> (8 hr)
	Silicon Dioxide	7631-86-9	8-hour TWA: 4.0 mg/m <sup>3</sup> (dust)
Hungary	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	8-hour TWA (ÁK Value): 1 mg/m <sup>3</sup>
	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	60-minute STEL (CK Value): 4 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	Ceiling Limit (MK Value): 5 mg/m <sup>3</sup> [Oil smog (mineral oil)]
	Limestone	1317-65-3	ÁK Value TWA 8-hr: 221 mg/m <sup>3</sup> ; CK Value STEL 60-min 442 mg/m <sup>3</sup>
Latvia	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	8-hour TWA: 5 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 10 mg/m <sup>3</sup> (Naphtha)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 100 mg/m <sup>3</sup> (Petroleum benzin)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Silicon Dioxide	7631-86-9	8-hour TWA: 1 mg/m <sup>3</sup>
Estonia	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 1 mg/m <sup>3</sup> [Oil (naphtha) vapors]
	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup> ; 5 mg/m <sup>3</sup> (Fine dust)
	Titanium Dioxide	13463-67-7	OEL: TWA 5 mg/m <sup>3</sup> 8-hr
	Silicon Dioxide	7631-86-9	8-hour TWA: 2 mg/m <sup>3</sup> (fine dust)
Lithuania	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	8-hour TWA: 5 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 1 mg/m <sup>3</sup> (Oil mist, including smoke)
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 3 mg/m <sup>3</sup> (Oil mist, including smoke)
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 180 mg/m <sup>3</sup> (50 ppm) [Petrol ether (industrial) - hexane based]
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 250 mg/m <sup>3</sup> (75 ppm) [Petrol ether (industrial) - hexane based]
	Titanium Dioxide	13463-67-7	OEL: TWA 5 mg/m <sup>3</sup> 8-hr
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 800 mg/m <sup>3</sup> (200 ppm) [Petrol ether (industrial) - heptane based (< 5% n-hexane)]
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 1200 mg/m <sup>3</sup> (300 ppm) [Petrol ether (industrial) - heptane based (< 5% n-hexane)]
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 900 mg/m <sup>3</sup> (200 ppm) [Petrol ether (industrial) - octane based]
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 1400 mg/m <sup>3</sup> (300 ppm) [Petrol ether (industrial) - octane based]
Slovenia	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	8-hour TWA: 1 mg/m <sup>3</sup>
	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	STEL: 4 mg/m <sup>3</sup>
	Silicon Dioxide	7631-86-9	8-hour TWA: 4 mg/m <sup>3</sup> (Silica, inhalable fraction)
Croatia	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup> (Total dust); 4 mg/m <sup>3</sup> (Respirable dust)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Total dust) 15-min
	Bounded Carbon Black	1333-86-4	Dangerous Substances Exposure Limit Values in the Workplace: 3.5 mg/m <sup>3</sup> (8hr); 7.0 mg/m <sup>3</sup> (15 min)
	Titanium Dioxide	13463-67-7	OEL: TWA 4.0 mg/m <sup>3</sup> (Respirable dust) 15-min

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Silicon Dioxide	7631-86-9	Maximum (8 hr) allowable concentration: 6 mg/m <sup>3</sup> (Total dust)
	Silicon Dioxide	7631-86-9	Maximum (8 hr) allowable concentration: 2.4 mg/m <sup>3</sup> (Respirable dust)
Cyprus	Bounded Carbon Black	1333-86-4	Control of factory atmosphere and dangerous substances in factories regulation: TWA 3.5 mg/m <sup>3</sup> (8 hr)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Silicon Dioxide	7631-86-9	8-hour TWA: 5 mg/m <sup>3</sup> (Silicon dioxide (amorphous) (particles > 5 micrometers))
	Silicon Dioxide	7631-86-9	8-hour TWA: 2 mg/m <sup>3</sup> (Silicon dioxide (amorphous) (particles > 5 micrometers))
Finland	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	8-hour limit: 0.02 mg/m <sup>3</sup>
	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup>
	Bounded Carbon Black	1333-86-4	Workplace Exposure Limits: 3.5 mg/m <sup>3</sup> (8 hr); 7.0 mg/m <sup>3</sup> (15 min)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Silicon Dioxide	7631-86-9	8-hour limit: 5 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour limit: 5 mg/m <sup>3</sup>
Poland	Bounded Carbon Black	1333-86-4	Dz.U.Poz. 817/2014, Annex 1: TWA (NDS) 4.0 mg/m <sup>3</sup> (8 hr)
	Titanium Dioxide	13463-67-7	OEL: TWA (NDS) 10.0 mg/m <sup>3</sup> 8-hr
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA (NDS): 500 mg/m <sup>3</sup> (Benzene, extraction)
	Silicon Dioxide	7631-86-9	8-hour TWA (NDS): 10 mg/m <sup>3</sup> (Dusts of amorphous and synthetic silicas, amorphous synthetic silica (precipitated and gel), inhalable fraction)
	Silicon Dioxide	7631-86-9	8-hour TWA (NDS): 2 mg/m <sup>3</sup> (Dusts of amorphous and synthetic silicas, amorphous synthetic silica (precipitated and gel), respirable fraction)
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL (NDSch): 1500 mg/m <sup>3</sup> (Benzene, extraction)
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA (NDS): 5 mg/m <sup>3</sup> (Highly refined mineral oils with the exception of cutting fluids, Inhalable fraction)
Austria	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	MAK TWA: 0.1 mg/m <sup>3</sup>
	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	MAK STEL: 0.4 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: TWA 5 mg/m <sup>3</sup>

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	Titanium Dioxide	13463-67-7	OEL: STEL 10 mg/m <sup>3</sup>
	Silicon Dioxide	7631-86-9	TWA: 4 mg/m <sup>3</sup>
Italy	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	8-hour TWA: 0.2 mg/m <sup>3</sup>
	Bounded Carbon Black	1333-86-4	Legislative Decree n.81: TWA 3.0 mg/m <sup>3</sup> (8 hr)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 5 mg/m <sup>3</sup> (Mineral oil, excluding metal working fluids, pure, highly and severely refined; Inhalable fraction)
Slovakia	Limestone	1317-65-3	NPEL TWA 8-hr: 10 mg/m <sup>3</sup>
	Bounded Carbon Black	1333-86-4	Regulation No. 355.2006 concerning protection of workers exposed to chemical agents, Annex 1: TWA (NPEL) 2.0 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: TWA (NPEL) 5 mg/m <sup>3</sup> 8-hr
	Silicon Dioxide	7631-86-9	8-hour TWA (NPEL): 4 mg/m <sup>3</sup> (Silica, amorphous (heat and wet processes, unfired diatomaceous earth, diatomite))
	Silicon Dioxide	7631-86-9	8-hour TWA (NPEL): 0.3 mg/m <sup>3</sup> (Silica, amorphous (fused silica, fused silica, fumes, burnt diatomaceous earth))
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA (NPEL): 5 ppm (1 mg/m <sup>3</sup> ) [Liquid mineral oil mist, fumes]
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL (NPEL): 15 ppm (3 mg/m <sup>3</sup> ) [Liquid mineral oil mist, fumes]
Belgium	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup>
	Bounded Carbon Black	1333-86-4	Exposure Limit Value: TWA 3.5 mg/m <sup>3</sup> (8 hr)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Silicon Dioxide	7631-86-9	8-hour TWA: 10 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 5 mg/m <sup>3</sup> [Mineral oils (mist)]
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL: 10 mg/m <sup>3</sup> [Mineral oils (mist)]
Denmark	Bounded Carbon Black	1333-86-4	Exposure Limits for Substances & Materials: TWA 3.5 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: TWA 6.0 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	TWA: 1 mg/m <sup>3</sup>
France	Limestone	1317-65-3	VME TWA: 10 mg/m <sup>3</sup>
	Bounded Carbon Black	1333-86-4	Threshold Limit Values (VLEP): Time weighted average (VME) 3.5 mg/m <sup>3</sup>

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	Titanium Dioxide	13463-67-7	OEL: (VME) 10 mg/m <sup>3</sup>
Greece	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup> (Inhalable dust); 5 mg/m <sup>3</sup> (Respirable dust)
	Bounded Carbon Black	1333-86-4	Decree 307/1986: TWA 3.5mg/m <sup>3</sup> (8 hr); STEL 7.0 mg/m <sup>3</sup> (15 min)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Inhalable) 8-hr
	Titanium Dioxide	13463-67-7	OEL: TWA 5.0 mg/m <sup>3</sup> (Respirable dust) 8-hr
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour TWA: 5 mg/m <sup>3</sup> [Paraffin oil (mist)]
Ireland	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup> (Total dust); 4 mg/m <sup>3</sup> (Respirable dust)
	Bounded Carbon Black	1333-86-4	2016 Code of Practice for Chemical Agents Regulations 2001: TWA 3.0 mg/m <sup>3</sup> (8 hr) OEL
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Inhalable dust) 8-hr
	Silicon Dioxide	7631-86-9	8-hour OEL (TWA): 6 mg/m <sup>3</sup> (Silica, amorphous, Total inhalable dust)
	Titanium Dioxide	13463-67-7	OEL: TWA 4.0 mg/m <sup>3</sup> (Respirable dust) 8-hr
	Silicon Dioxide	7631-86-9	8-hour OEL (TWA): 2.4 mg/m <sup>3</sup> (Silica, amorphous, Respirable dust)
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour OEL (TWA): 5 mg/m <sup>3</sup> (Mineral oil, pure, highly and severely refined; Inhalable fraction)
United Kingdom	Limestone	1317-65-3	TWA 8-hr: 10 mg/m <sup>3</sup> (Total dust); 4 mg/m <sup>3</sup> (Respirable dust)
	Bounded Carbon Black	1333-86-4	WEL: TWA 3.5 mg/m <sup>3</sup> ; STEL 7.0 mg/m <sup>3</sup>
	Silicon Dioxide	7631-86-9	TWA: 6 mg/m <sup>3</sup> (Silica, amorphous, inhalable dust)
	Silicon Dioxide	7631-86-9	TWA: 2.4 mg/m <sup>3</sup> (Silica, amorphous, respirable dust)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Total dust)
	Titanium Dioxide	13463-67-7	OEL: TWA 4.0 mg/m <sup>3</sup> (Respirable dust)
Portugal	Bounded Carbon Black	1333-86-4	VLE: 3.5 mg/m <sup>3</sup> (8 hr)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour exposure limit: 400 ppm
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour exposure limit: 5 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	Short-term exposure limit: 10 mg/m <sup>3</sup>
Spain	Bounded Carbon Black	1333-86-4	VLA: VLA_ED 3.5 mg/m <sup>3</sup> (8 hr)

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## Silicone Sealant - Acetoxy - White

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Titanium Dioxide	13463-67-7	OEL: (VLA_ED) 10.0 mg/m <sup>3</sup> 8-hr
	Distillates (petroleum), hydrotreated medium	64742-46-7	8-hour daily exposure limit (VLA_ED): 5 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	15-minute STEL (VLA-EC): 10 mg/m <sup>3</sup>
Germany	Silicon Dioxide	7631-86-9	Limit value: 4 mg/m <sup>3</sup>
European Union	Distillates (petroleum), hydrotreated medium	64742-46-7	SCOEL: 8-hour TWA: 5 mg/m <sup>3</sup>
Sweden	Titanium Dioxide	13463-67-7	OEL: (NGV) 5.0 (Total dust) mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	Level Limit Value (NGV): 1 mg/m <sup>3</sup> (Oil mist including oil fume)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Short Term Limit (KTV): 3 mg/m <sup>3</sup> (Oil mist including oil fume)
Netherlands	Distillates (petroleum), hydrotreated medium	64742-46-7	Binding 8-hour TWA: 5 mg/m <sup>3</sup> [Oil mist (mineral oil)]

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Derived No Effect Level (DNEL):

Not determined or not applicable.

### Predicted No Effect Concentration (PNEC):

Not determined or not applicable.

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls  
Biological monitoring may also be appropriate for some substances

## 8.2 Exposure controls

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

### Environmental exposure controls:

Select controls based on a risk assessment of local conditions.

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## Silicone Sealant - Acetoxy - White

See section 6 for information on accidental release measures.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Clear paste
<b>Odor</b>	Not available
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting point/freezing point</b>	Not available
<b>Initial boiling point/range</b>	Not available
<b>Flash point (closed cup)</b>	100°C (212°F)
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper flammability/explosive limit</b>	Not available
<b>Lower flammability/explosive limit</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Density</b>	1.015 g/cm <sup>3</sup>
<b>Relative density</b>	Not available
<b>Solubilities</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto/Self-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Dynamic viscosity</b>	Not available
<b>Kinematic viscosity</b>	Not available
<b>Explosive properties</b>	Not available
<b>Oxidizing properties</b>	Not available

#### 9.2 Other information

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity:

Does not react under normal conditions of use and storage.

#### 10.2 Chemical stability:

Stable under normal conditions of use and storage.

#### 10.3 Possibility of hazardous reactions:

None under normal conditions of use and storage.

#### 10.4 Conditions to avoid:

None known.

#### 10.5 Incompatible materials:

None known.

#### 10.6 Hazardous decomposition products:

None known.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

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## Silicone Sealant - Acetoxy - White

### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Skin corrosion/irritation

**Assessment:** Causes skin irritation

**Product data:**

No data available.

**Substance data:**

Name	Result
Methylsilanetriyl triacetate	Causes severe skin burns and eye damage.
Triacetoxymethylsilane	Causes severe skin burns and eye damage.

### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** May cause cancer

**Product data:** No data available.

**Substance data:**

Name	Species	Result
Titanium Dioxide	Not applicable.	Airborne, unbound particles of respirable size are known to cause cancer.
Bounded Carbon Black	Not applicable.	The carcinogenic classification only applies to airborne, unbound particles of respirable size.

### International Agency for Research on Cancer (IARC):

Name	Classification
Silicon Dioxide	Group 3 - Not classifiable as to its carcinogenicity to humans
Titanium Dioxide	Group 2B
Bounded Carbon Black	Group 2B - Possibly carcinogenic to humans

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Reproductive Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

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**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Specific target organ toxicity (repeated exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Aspiration toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Information on likely routes of exposure:**

No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:**

No data available.

**Other information:**

No data available.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Acute (short-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**Chronic (long-term) toxicity**

**Product data:** No data available.

**Substance data:** No data available.

#### 12.2 Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

#### 12.3 Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

#### 12.4 Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

#### 12.5 Results of PBT and vPvB assessment

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

#### 12.6 Other adverse effects: No data available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Relevant information:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

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**Silicone Sealant - Acetoxy - White**

## SECTION 14: Transport information

### International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Carriage of Dangerous Goods by Inland Waterways (ADN)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Maritime Dangerous Goods (IMDG)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

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

Bulk Name	None
Ship type	None
Pollution category	None

## SECTION 15: Regulatory information

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

#### European regulations

##### Inventory listing (EINECS):

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70131-67-8	Polydimethylsiloxane	Not Listed
1333-86-4	Bounded Carbon Black	Listed
64742-46-7	Distillates (petroleum), hydrotreated medium	Listed
4253-34-3	Methylsilanetriyl triacetate	Listed
17689-77-9	Triacetoxyethylsilane	Listed
7631-86-9	Silicon Dioxide	Listed
1317-65-3	Limestone	Listed
13463-67-7	Titanium Dioxide	Listed
1332-37-2	Iron Oxide	Listed
147-14-8	29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	Listed
63148-62-9	Dimethyl siloxane	Not Listed

**REACH SVHC candidate list:** None of the ingredients are listed.

**REACH SVHC Authorizations:** None of the ingredients are listed.

**REACH Restriction:** None of the ingredients are listed.

**Water hazard class (WGK) (Product):** Not determined.

**Water hazard class (WGK) (Substance):**

Ingredient Name	CAS	Class
Polydimethylsiloxane	70131-67-8	Class 1
Limestone	1317-65-3	Non-hazardous to water.
Titanium Dioxide	13463-67-7	Non-hazardous to water.
29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	Non-hazardous to water.
Dimethyl siloxane	63148-62-9	Class 1
Silicon Dioxide	7631-86-9	Non-hazardous to water.
Iron Oxide	1332-37-2	Non-hazardous to water.
Distillates (petroleum), hydrotreated medium	64742-46-7	2
Bounded Carbon Black	1333-86-4	Non-hazardous to water.

### Other regulations

**Germany TA Luft:** 29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper: Germany TA Luft Class III - Section 5.2.2

**Germany MAK:** Silicon Dioxide: 8-hour TWA: 4 mg/m<sup>3</sup> (inhalable fraction)

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: Other information

### Indication of changes:

Not applicable.

**Abbreviations and Acronyms:** None

### Classification procedure:

Classification according to Regulation (EC) No. 1272/2008 (CLP)	Method Used
Carcinogenicity, category 1B	Calculation method
Skin irritation, category 2	Calculation method

### Summary of classification in section 3:

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Carc. 1B; H350	Carcinogenicity, category 1B
Skin Corr. 1B; H314	Skin corrosion, category 1B

#### Summary of hazard statements in section 3:

H350	May cause cancer
H314	Causes severe skin burns and eye damage

#### Disclaimer:

This product has been classified in accordance with EC No. 1272/2008 (CLP) and EC No. 1907/2006 (REACH). The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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**End of Safety Data Sheet**