



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) 2015/830)

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## Silicone Primer

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

#### 1.1. Product identifier

**Product code** None.

**Synonyms** None.

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

**Use of the Substance/Mixture** Adhesives

#### 1.3. Details of the supplier of the safety data sheet

**Company/Undertaking Identification** Habasit Belting Inc.  
805 Satellite Blvd.  
P.O. Box 80507  
Suwanee, GA 30024  
USA  
info.america@us.habasit.com

**1.4. Emergency telephone number** Infotrac, Inc.: +1-800-535-5053  
Habasit Belting Inc.: +1-678-288-3600

**Issuing date** 29.07.2016

**Version** 02 (Previous versions: 07.11.2014)

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## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008

Skin corrosion/irritation, Cat. 3, H316  
Serious eye damage/eye irritation, Cat. 1, H318  
Specific target organ toxicity (single exposure, narcotic effects), Cat. 3, H336  
Flammable liquids, Cat. 2, H225

#### Additional information

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

### 2.2. Label elements



#### Signal Word

Danger

#### Hazard Statements

H225: Highly flammable liquid and vapour.  
H316: Causes mild skin irritation.  
H318: Causes serious eye damage.  
H336: May cause drowsiness or dizziness.

#### Precautionary statements

P280b: Wear eye protection.  
P260v: Do not breathe vapour.  
P210b: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.

#### Supplemental information

None.

#### Product identifier

propan-1-ol; n-propanol, CAS-No. 71-23-8, EC-No. 200-746-9  
Titanettrabutanolat, CAS-No. 5593-70-4  
n-Propylsilicat, CAS-No. 682-01-9  
Tetrakis(2-butoxyethyl)orthosilikat, CAS-No. 18765-38-3

#### Contents of package < 125 ml



Danger

H318: Causes serious eye damage.  
H336: May cause drowsiness or dizziness.  
P280: Wear protective gloves/ eye protection/ face protection.  
P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

### 2.3. Other hazards

None known.

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### 3. Composition/information on ingredients

**Chemical characterization**

Adhesive on solvent basis.

Components		CLP Classification	Product identifier
propan-1-ol; n-propanol	> 75%	Eye Dam. 1 H318, STOT SE 3 H336, Flam. Liq. 2 H225	CAS-No.: 71-23-8 EC-No.: 200-746-9 Index-No: 603-003-00-0
Titantetrabutanolat	1% - 5%	Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Flam. Liq. 3 H226	CAS-No.: 5593-70-4 Index-No: 227-006-8
n-Propylsilicat	1% - 5%	Eye Irrit. 2 H319, Skin Irrit. 2 H315	CAS-No.: 682-01-9 Index-No: 211-659-0
Tetrakis(2-butoxyethyl)orthosilikat	1% - 5%	Skin Irrit. 2 H315	CAS-No.: 18765-38-3 Index-No: 242-560-0
Octamethyltrisiloxan	20% - 30%	Aquatic Chronic 4 H413, Flam. Liq. 3 H226	CAS-No.: 107-51-7 Index-No: 203-497-4

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

**Hazardous impurities**

None known.

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### 4. First aid measures

**4.1. Description of first aid measures**

<b>Inhalation</b>	Move to fresh air. Consult a physician after significant exposure.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. If skin irritation persists, call a physician.
<b>Eye contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Ingestion</b>	Do not induce vomiting. Call a physician immediately.

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

Narcotic effects. Causes headache, drowsiness or other effects to the central nervous system. Repeated exposure may cause skin dryness or cracking.

**4.3. Indication of any immediate medical attention and special treatment needed**

None known.

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## **5. Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam Dry chemical.

**Extinguishing media which must not be used for safety reasons** High volume water jet.

**5.2. Special hazards arising from the substance or mixture** During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.

### **5.3. Advice for firefighters**

**Special protective equipment for firefighters** In the event of fire, wear self-contained breathing apparatus.

**Specific methods** Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Advice for non-emergency personnel** Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Remove all sources of ignition.

**Advice for emergency responders** Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Vapours are heavier than air and may spread along floors.

**6.2. Environmental precautions** Prevent product from entering surface water or sewage.

**6.3. Methods and material for containment and cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections** See chapter 8 and 13.

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## 7. Handling and storage

<b>7.1. Precautions for safe handling</b>	Keep away from sources of ignition - No smoking. Wear personal protective equipment. Provide appropriate exhaust ventilation at machinery. Do not breathe vapours/dust. Vapours are heavier than air and may spread along floors. Wash hands and exposed skin before eating, drinking or smoking and after work. Remove contaminated clothing and shoes.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with food.
<b>7.3. Specific end use(s)</b>	Use only in accordance with our recommendations.

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

<b>Exposure limit(s)</b>	Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.
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#### **propan-1-ol (CAS 71-23-8)**

U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)	200 ppm TWA 500 mg/m <sup>3</sup> TWA
U.S. - OSHA - Vacated PELs - TWAs	200 ppm TWA 500 mg/m <sup>3</sup> TWA
U.S. - OSHA - Vacated PELs - STELs (Short Term Exposure Limits)	250 ppm STEL 625 mg/m <sup>3</sup> STEL

### 8.2. Exposure controls

<b>Occupational exposure controls</b>	Handle in accordance with good industrial hygiene and safety practice.
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#### **Personal protection equipment**

<i>Respiratory protection</i>	In case of good ventilation no personal respiratory protective equipment required. In case of insufficient ventilation wear suitable respiratory equipment. Suitable respiratory equipment: ABEK-filter ABEK-P3-filter Respirator with filter for organic vapour
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<i>Hand protection</i>	Protective gloves complying with EN 374. Gloves made of Butyl. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). The exact break through time can be obtained from the protective glove producer and this has to be
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	observed. Do not wear leather gloves. Do not wear cotton gloves.
<i>Eye protection</i>	Safety glasses with side-shields conforming to EN166.
<i>Skin and body protection</i>	Long sleeved clothing.
<b>Thermal hazards</b>	No hazards which require special first aid measures.
<b>Environmental exposure controls</b>	Dispose of waste product or used containers according to local regulations.

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## **9. Physical and chemical properties**

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

<b>Form</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Alcoholic.
<b>Odour Threshold</b>	No information available.
<b>pH:</b>	not applicable
<b>Melting point/range:</b>	No information available.
<b>Boiling point/range:</b>	>95°C
<b>Flash point:</b>	22°C
<b>Evaporation Rate:</b>	No information available.
<b>Flammability:</b>	No information available.
<b>Explosion limits:</b>	13.5%v/v - 2.1%v/v (1-Propanol)
<b>Vapour pressure:</b>	14 mbar (20°C)
<b>Vapor density:</b>	No information available.
<b>Relative density:</b>	0.81 g/ml (20°C)
<b>Water solubility:</b>	No information available.
<b>Partition coefficient (n-octanol/water):</b>	No information available.
<b>Autoignition temperature:</b>	385°C (1-Propanol)
<b>Decomposition temperature:</b>	No information available.
<b>Viscosity:</b>	2 mPas (20°C)
<b>Combustion/explosion hazards:</b>	not hazardous
<b>Oxidizing properties:</b>	None

### **9.2. Other information**

<b>Suitable solvents</b>	Alcohol
<b>General Product Characteristics</b>	no data available

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## **10. Stability and reactivity**

<b>10.1. Reactivity</b>	No hazards to be specially mentioned.
<b>10.2. Chemical stability</b>	No decomposition if stored and applied as directed.
<b>10.3. Possibility of hazardous reactions</b>	No hazards to be specially mentioned.

<b>10.4. Conditions to avoid</b>	Heat, flames and sparks.
<b>10.5. Incompatible materials</b>	Strong oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	None reasonably foreseeable.

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## **11. Toxicological information**

### **11.1. Information on toxicological effects**

<b>Acute toxicity</b>	Information given is based on data on the components and the toxicology of similar products. <b>propan-1-ol; n-propanol (CAS 71-23-8)</b> Dermal LD50 Rabbit = 4049 mg/kg (NZ_CCID) Inhalation LC50 Rat > 13548 ppm 4 h(NLM_CIP) Oral LD50 Rat = 1870 mg/kg (NLM_CIP) <b>Titantetrabutanolat (CAS 5593-70-4)</b> Oral LD50 Rat = 3122 mg/kg (NZ_CCID)
<b>Skin corrosion/irritation</b>	Causes mild skin irritation.
<b>Serious eye damage/eye irritation</b>	Severe eye irritation.
<b>Respiratory / Skin Sensitisation</b>	None.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Germ cell mutagenicity</b>	Contains no ingredient listed as a mutagen.
<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction.
<b>Specific target organ toxicity (single exposure)</b>	Narcotic effects
<b>Specific target organ toxicity (repeated exposure)</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Human experience</b>	No data available.
<b>Information on likely routes of exposure</b>	Inhalation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Causes headache, drowsiness or other effects to the central nervous system. Irritating to eyes.
<b>Delayed and immediate effects and also chronic effects from short and long term exposure</b>	Repeated exposure may cause skin dryness or cracking.

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## 12. Ecological information

<b>12.1. Toxicity</b>	No data is available on the product itself.
<b>propan-1-ol (CAS 71-23-8)</b>	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Pimephales promelas: 4480 mg/L [flow-through] (IUCLID)
Ecotoxicity - Water Flea - Acute Toxicity Data	48 h EC50 Daphnia magna: 3642 mg/L (IUCLID) 48 h EC50 Daphnia magna: 3339 - 3977 mg/L [Static] (EPA)
<b>12.2. Persistence and degradability</b>	No data is available on the product itself. Partly biodegradable.
<b>12.3. Bioaccumulative potential</b>	No data is available on the product itself. Information given is based on data on the components and the toxicology of similar products. Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.
<b>12.4. Mobility in soil</b>	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
<b>12.6. Other adverse effects</b>	no data available

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## 13. Disposal considerations

### 13.1. Waste treatment methods

<b>Waste from residues / unused products</b>	Dispose of as hazardous waste in compliance with local and national regulations. Can be incinerated, when in compliance with local regulations.
<b>Contaminated packaging</b>	Dispose of as unused product.

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## 14. Transport information

<b>ADR/RID</b>	UN 1993. Proper shipping name: FLAMMABLE LIQUID, N.O.S. (propan-1-ol; n-propanol). Class 3. Packing group II. ADR/RID-Labels 3. Classification code F1. Hazard identification no. 33. Limited quantity 1 L. Excepted quantity E2. Tunnel restriction code D/E
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<b>IMDG</b>	<p>UN 1993.          Proper shipping name: FLAMMABLE LIQUID, N.O.S. (propan-1-ol; n-propanol).          Class 3.          Packing group II.          IMDG-Labels 3.          Limited quantity 1 L.          Excepted quantity E2.          EmS F-E, S-E.          Marine pollutant: No.</p>
<b>IATA</b>	<p>UN 1993.          Proper shipping name: Flammable liquid, n.o.s. (propan-1-ol; n-propanol).          Class 3.          Packing group II.          IATA label 3.          Packing instruction (passenger aircraft): 353 (5 L).          Packing instruction (LQ): Y341 (1 L).          Packing instruction (cargo aircraft): 364 (60 L).</p>
<b>Inland navigation ADN</b>	<p>UN 1993.          Proper shipping name: FLAMMABLE LIQUID, N.O.S. (propan-1-ol; n-propanol).          Class 3.          Packing group II.          ADN labels 3.          Classification code F1.          Limited quantity 1 L.          Excepted quantity E2.</p>
<b>Further Information</b>	None.

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## 15. Regulatory information

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

<b>Regulatory Information</b>	None.
<b>15.2. Chemical safety assessment</b>	Not required.

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## 16. Other information

<b>Revision Note</b>	This data sheet contains changes from the previous version in section(s): 1, 2, 4, 5, 9, 10, 11, 12, 13, 14, 16
<b>Key or legend to abbreviations and acronyms</b>	<p>CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)          DSD/DPD: Classification according to EU Directives 67/548/EEC or 1999/45/EC          MAK: Occupational exposure limit.</p>
<b>Key literature references and sources for data</b>	Information taken from reference works and the literature.

<b>Classification procedure</b>	Classification according to EU Directives 67/548/EEC or 1999/45/EC. Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP).
<b>Full text of phrases referred to under sections 2 and 3</b>	<p>H225: Highly flammable liquid and vapour.  H226: Flammable liquid and vapour.  H315: Causes skin irritation.  H316: Causes mild skin irritation.  H318: Causes serious eye damage.  H319: Causes serious eye irritation.  H335: May cause respiratory irritation.  H336: May cause drowsiness or dizziness.  H413: May cause long lasting harmful effects to aquatic life.</p>
<b>Training advice</b>	The rules which cover amongst other things the requirement for ventilation, protective clothing, personal protective equipment etc. can be obtained from the National Occupational Health and Safety Board.
<b>Further information</b>	<p>Made in: Switzerland Habasit AG  Römerstrasse 1  4153 Reinach/BL, Switzerland  Phone: +41 (0)61 715 15 15 (Mo - Fr, 7.30h - 17h)  SDS info: <a href="mailto:product.safety@habasit.com">product.safety@habasit.com</a></p>
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