

# Safety Data Sheet (SDS)

SDS Preparation Date: 5/30/2018

Sonokote



## 1. Identification

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### 1.1 Product identifier

Sonokote

### 1.2 Recommended use

Paint for interior

### 1.3 Company Contact

Acoustical Surfaces Inc.

123 Columbia Court N.

Chaska, MN 55318

USA

+1 (952) 448-5300

### 1.4 Emergency phone number

+1 (952) 448-5300

## 2. Hazard identification

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### 2.1 Classification of the mixture/substance

Skin Irritation Category 2

Eye Damage Category 1

Eye Irritation Category 2A

Specific Target Organ Toxicity (Single Exposure) Category 3

Carcinogenicity Category 1

### 2.2 Statements



Danger, Warning

**Contains:** Potassium silicate

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H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H350	May cause cancer
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fumes/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only in a well-ventilated area.
P280	Wear protective gloves/eye protection.
P281	Use personal protective equipment as required.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see section 4 on this label)
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with provisions in section 13.

## 2.3 Other hazards

Information not available.

## 3. Composition/information on ingredients

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### 3.1 Mixtures

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Chemical Name	Also known as	CAS Number & Unique Identifiers	Concentration Range %
Potassium silicate	Silicic acid, potassium salt	CAS: 1312-76-1; E.C.: 215-199-1 Reg. NO. 01-2119456888-17	2 - 2.2

## 4. First-aid measures

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### 4.1 Description of necessary measures

Inhalation: Remove to open air. If respiration is difficult, administer artificial respiration and seek medical advice.

Skin contact: Wash with plenty of water. If the irritation persists, seek medical advice.

Eye contact: Wash with plenty of water. If the irritation persists, seek medical advice.

Ingestion: Seek medical attention. Do not induce vomiting; follow doctor's instructions. Never give anything by mouth to an unconscious person.

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

Symptoms/effects: No episodes of damage to health ascribable to the product have been reported.

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

Follow doctor's orders.

## 5. Fire-fighting measures

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### 5.1 Suitable extinguishing media

The extinguishing media should be of the conventional kind: carbon dioxide, foam, powder, and nebulized water.

### 5.2 Specific hazards arising from the mixture

Do not breathe combustion products (carbon dioxide, toxic pyrolysis products, etc.)

### 5.3 Special protective equipment and precautions for fire-fighters

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Special Protective Equipment for Fire-Fighters: Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs, and waist), work gloves (fireproof, cut proof and antistatic), a depressurized mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

Precautions: Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinguishing and the remains of the fire according to applicable regulations.

## 6. Accidental release measures

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

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. If there are no contraindications, spray solid products with water to prevent the formation of dust. Use breathing equipment if fumes or powders are released into the air. Block the leakage if there is no hazard. Do not handle damaged containers or the leaked product before donning appropriate protective gear.

### 6.2 Methods and materials for containment and cleaning up

Methods for cleaning up: Use inert absorbent material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc.) to soak up leaked product. Collect the remaining material and deposit it in containers for disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well-aired.

References: Contaminated material should be disposed of in compliance with the provisions set forth in section 13.

## 7. Handling and storage

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### 7.1 Precautions for safe handling

Safe handling advice: Do not smoke while handling and during use.

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## 7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place; keep far away from sources of heat, bright flames and sparks and other sources of ignition.

## 8. Exposure controls/personal protection

### 8.1 Exposure limits

Chemical Name	CAS No.	As	Exposure Limits	Type	References
Talc	14807-96-6	resp	2 mg/m <sup>3</sup>	TWA	Cal/OSHA PEL; NIOSH REL
			2 mg/m <sup>3</sup> (< 1% crystalline silica)	TWA	ACGIH® 2018 TLV
Calcium carbonate	1317-65-3	total	15 mg/m <sup>3</sup>	TWA	OSHA PEL
			10 mg/m <sup>3</sup>	TWA	NIOSH REL
		resp	5 mg/m <sup>3</sup>	TWA	OSHA PEL; NIOSH REL
Titanium dioxide	13463-67-7	resp	5 mg/m <sup>3</sup> (as PNOR)	TWA	OSHA PEL
		total	10 mg/m <sup>3</sup> (as PNOR)	TWA	
			2.4 mg/m <sup>3</sup> (fine)	TWA	NIOSH REL
			0.3 mg/m <sup>3</sup> (ultrafine)		
		10 mg/m <sup>3</sup>	TWA	ACGIH® 2018 TLV	

Note: In 29 CFR 1000, all inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.

### 8.2 Appropriate engineering controls

Engineering measures: Make sure that the workplace is well-ventilated. Use suitable respiration equipment if necessary.

### 8.3 Individual protection measures

Personal protection: Use work gloves such as those made from PVC, neoprene, nitrile, or equivalent. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure.

Respiratory equipment: If necessary, wear a mask with a B or universal filter, according to the limit concentration of use.

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Hand protection: As described above.  
Eye protection: Wear protective airtight goggles.  
Skin protection: Wear protective long-sleeves.  
Hygiene measures: Wash body with soap and water after removing clothing.

## 9. Physical and chemical properties

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### 9.1 Appearance

Liquid, color palette

### 9.2 Odor

Characteristic

### 9.3 Odor threshold

Not available

### 9.4 pH

9.8 w / 11.3 t

### 9.5 Melting point/freezing point

Not available

### 9.6 Initial boiling point and boiling range

Not available

### 9.7 Flash point

> 61°C

### 9.8 Evaporation rate

Not available

### 9.9 Flammability

Not available

### 9.10 Upper/lower flammability or explosive limits

Not available

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## 9.11 Vapor pressure

Not available

## 9.12 Vapor density

Not available

## 9.13 Relative density

1,370 kg/m<sup>3</sup>

## 9.14 Solubility

Water

## 9.15 Partition coefficient: n-octanol/water

Not available

## 9.16 Auto-ignition temperature

Not available

## 9.17 Decomposition temperature

Not available

## 9.18 Viscosity

Not available

## 9.19 Other information

VOC (Directive 2004/42/EC): 0.00 g/l

Maximum VOC for White Base Tinted Undiluted: 0.52 g/l

Maximum VOC for White Base Tinted Diluted 25% with water: 0.39 g/l

Maximum VOC for Transparent Base Tinted Undiluted: 1.90 g/l

Maximum VOC for Transparent Base Tinted Diluted 25% with water: 1.43 g/l

Matte coatings for interior walls and ceilings. EU limit value for this product (cat. A / a): 75 g/l (2007) / 30g/l (2010).

## 10. Stability and reactivity

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### 10.1 Reactivity

There are no risks of reaction with other substances in normal conditions of use.

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Calcium carbonate: Decomposes at temperatures above 800°C.

## 10.2 Chemical stability

The product is stable in normal conditions of use and storage.

## 10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

## 10.4 Conditions to avoid

None, however the usual precautions used for chemical products should be respected.

## 10.5 Incompatible materials

Calcium carbonate: Acids

## 10.6 Hazardous decomposition products

In the event of thermal decomposition or fire, vapors potentially dangerous to health may be released.

Calcium carbonate: Calcium Oxides, Carbon Oxides.

# 11. Toxicological information

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## 11.1 Information on the likely routes of exposure

According to currently available data, this product has not yet produced health damages. Nevertheless, it must be handled according to good industrial practices.

## 11.2 Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	May slightly irritate the upper respiratory tract.
Skin contact:	May cause irritation, erythema, edema, dryness, and chapped skin.
Eye contact:	Acute effect: stinging eyes. May cause rubescence, edema, pain, and lachrymation.
Ingestion:	May cause health disorders, including stomach pain and sting, nausea, and sickness.

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## 11.3 Numerical measures of toxicity

Acute Toxicity (Oral):	Not available.
Acute Toxicity (Dermal):	Not available.
Acute Toxicity (Inhalation):	Not available.
Skin Corrosion/Irritation:	Not available.
Serious eye damage/irritation:	Not available.
Respiratory or skin sensitization:	Not available.
Germ cell mutagenicity:	Not available.
Carcinogenicity:	Not available.
Reproductive Toxicity:	Not available.
STOT - Single exposure:	Not available.
STOT - Repeated exposure:	Not available.
Aspiration hazard:	Not available.

## 12. Ecological information

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Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

Potassium silicate – LD<sub>50</sub> (Oral): > 2000 mg/kg Rat

Calcium carbonate – LD<sub>50</sub> (Oral): 6450 mg/kg Rat

Titanium dioxide – LD<sub>50</sub> (Oral): > 10000 mg/kg Rat

### 12.1 Ecotoxicity

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil, sewers, and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

### 12.2 Persistence and degradability

Information not available.

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## 12.3 Bioaccumulative potential

Information not available.

## 12.4 Mobility in soil

Information not available.

## 12.5 Other adverse effects

Information not available.

## 13. Disposal considerations

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### 13.1 Waste residue, safe handling, and methods of disposal, including disposal of contaminated packaging

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.

Contaminated Packaging: Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14. Transport information

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### 14.1 UN number

Not available.

### 14.2 UN proper shipping name

Not available.

### 14.3 Transport hazard class

Not available.

### 14.4 Environmental hazards

Not available.

### 14.5 Transport in bulk

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Not available.

## 15. Regulatory information

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### 15.1 Safety, health and environmental regulations specific for the product in question

Generally, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

Regulations (overview): The data in this section is not intended to be exhaustive; only select regulations are represented.

Seveso Category: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.: 3

Substances in Candidate List (Art. 59 REACH): None

Healthcare Controls: Not Available.

Chemical Safety Assessment: No chemical safety assessment has been processed for the mixture and the substances it contains.

## 16. Other information

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Date of SDS Preparation: Wednesday, May 30, 2018

For restrictions on use see section 15.

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.