



Safety Data Sheet

BOSS® 399 100% Glazing Silicone Sealant - Colors

Section 1. Identification

Product Identifier BOSS® 399 100% Glazing Silicone Sealant - Colors

Synonyms 39900; 39901; 39903

Manufacturer Stock
Numbers

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address

Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone

(270) 769-3385

Emergency Phone

(800) 424-9300

CHEMTREC

Fax

(270) 765-2412

Section 2. Hazards Identification

Classification

EYE DAMAGE/IRRITATION - Category 2A
HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD -
Category 3
SENSITIZATION - SKIN - Category 1
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2

Signal Word

Warning

Pictogram



Hazard Statements

Causes serious eye irritation
Harmful to aquatic life with long lasting effects
May cause an allergic skin reaction
May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

Response

Get medical advice/attention if you feel unwell.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with plenty of soap and water. Wash contaminated clothing before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Avoid release to the environment
Contaminated work clothing must not be allowed out of the workplace.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Wash hands thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.

Storage

N/A

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Additional Information

None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
112945-52-5	Amorphous fumed silica	5% - 10%
64741-44-2	Distillates (petroleum), straight-run middle	5% - 10%
63148-62-9	Dimethylpolysiloxane	10% - 30%
2224-33-1	Vinyl Oximino Silane	1% - 5%
22984-54-9	Methyl Oximino Silane	1% - 5%
1760-24-3	N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	> 1.00 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation	Remove to fresh air. If symptoms persist, obtain appropriate medical attention.
Ingestion	Get medical attention.
Comments	Treat according to person's condition and specifics of exposure.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.
Unsuitable Extinguishing Media	None known
Auto-ignition Temperature	Not determined
Flammability Limits in Air	Not determined
Unusual Fire or Explosion Hazards	None known

Section 6. Accidental Release Measures

Containment/Clean Up	Observe all personal protective equipment recommendations as described in section eight. Collect all spilled materials for disposal. This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions.
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Section 7. Handling and Storage

Storage	Keep container closed and store in a cool, well ventilated area, away from water or moisture.
Handling	Avoid breathing vapors in top of shipping container. Keep container closed. Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Amorphous fumed silica	10 mg/m3	6 mg/m3	N/A
	Distillates (petroleum), straight-run middle	N/A	N/A	N/A
	Dimethylpolysiloxane	N/A	N/A	N/A

Vinyl Oximino Silane	N/A	N/A	N/A
Methyl Oximino Silane	N/A	N/A	N/A
N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves

Ventilation

Local and general ventilation are recommended.

Respiratory Protection

If engineering controls do not maintain airborne concentrations of hazardous ingredients below TLV, then a NIOSH/MSHA approved organic vapor respirator should be used.

Eye Protection

Wear safety glasses with side shields as a minimum.

Skin Protection

Impervious gloves are suggested. Wash at mealtimes and end of shift.

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Refer to product label
Odor	Slight
Odor Threshold	Not available
Solubility	Negligible
Partition coefficient Water/n-octanol	Not available
VOC%	2.8% (w/w)
Viscosity	10,000 cm ² /s 1,000,000 cSt
Specific Gravity	1.3
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not available
FP Method	N/A
pH	Not applicable
Melting Point	Not available
Boiling Point	Not available
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not available
Flammability	Not available
Decomposition Temperature	Not available
Auto-ignition Temperature	Not available
Vapor Pressure	Not available
Vapor Density	Not available

Note

The above information is not intended for use in preparing product specifications. Contact Soudal before writing specifications.

Section 10. Stability and Reactivity

Chemical Stability	Stable
Hazardous polymerization	Will not occur
Materials to Avoid / Incompatibility	Oxidizing material can cause a reaction.

Section 11. Toxicological Information

Carcinogen	No
Teratogens	No
Mutagens	No
Reproductive Toxins	No
Sensitizer	Product releases MEKO, which is a potential skin sensitizer.
Component Toxicology Information	Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver tumors in rats and mice, additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

Section 12. Ecological Information

Environmental Effects	Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants	Complete information is not yet available.
Environmental Fate and Distribution	Complete information is not yet available.

Section 13. Disposal

This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions. Observe all federal, state, and local laws regarding waste disposal.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Caulking & Glaziers, NOI
DOT Classification	None

Section 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status	All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
SARA Title III Section 302 Extremely Hazardous Substances	None
SARA Title III Section 304 CERCLA Hazardous Substances	None
SARA Title III Section 313 Toxic Chemicals	Methanol (67-56-1)
SARA Title III Section 312 Hazard Class	Acute: Yes Chronic: Yes Fire: No Pressure: No Reactive: No
Canada Domestic Substances List	All ingredients are listed on the DSL.
Massachusetts	Silica, amorphous fumed (112945-52-5) Methanol (67-56-1)
New Jersey	Hydroxy-terminated polydimethylsiloxane (70131-67-8) Stoddard Solvent (8052-41-3) Aluminatrihydrate (21645-51-2) Polydimethylsiloxane (63148-62-9) Treated silica (67762-90-7) Methyl oximino silane (22984-54-9) Methanol (67-56-1)
Pennsylvania	Hydroxy-terminated polydimethylsiloxane (70131-67-8) Stoddard Solvent (8052-41-3) Aluminatrihydrate (21645-51-2) Polydimethylsiloxane (63148-62-9) Treated silica (67762-90-7) Methyl oximino silane (22984-54-9) Methanol (67-56-1)
California Prop 65	White and Colors WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the state of California to cause cancer and Methanol, which is known to the State of California to cause birth defects and other reproductive harm. For more information, go to www.P65Warnings.ca.gov .
	Clear WARNING: This product can expose you to chemicals including Methanol, which

is known to the State of California to cause birth defects and other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Section 16. Other Information

Revision Date

7/12/2019

Disclaimer

The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.