



# Safety Data Sheet

## BOSS® 399 100% Glazing Silicone Sealant

### Section 1. Identification

Product Identifier	BOSS® 399 100% Glazing Silicone Sealant		
Synonyms	39924; 39908; 39907; 39906; 39904; 39902; 39901; 39900		
Manufacturer Stock Numbers	02377CL10; 023277WH10; 02377BK10; 02377BZ10; 02377CC10; 02377BW10; 02377BE10; 02377CY10; C04045CL; C04045WH; C04045BK; C04045BZ; C04045CC; C04045BW; C04045BE; C04045CY		
Recommended use	Refer to Technical Information		
Uses advised against	Refer to Technical Information		
Manufacturer Contact			
Address	Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA		
	Phone	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(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 %
1760-24-3	N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	1% - 5%
2224-33-1	Vinyl Oximino Silane	1% - 5%
22984-54-9	Methyl Oximino Silane	1% - 5%
63148-62-9	Dimethylpolysiloxane	10% - 30%
112945-52-5	Amorphous fumed silica	5% - 10%
64741-44-2	Distillates (petroleum), straight-run middle	5% - 10%

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
	N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	N/A	N/A	N/A
	Vinyl Oximino Silane	N/A	N/A	N/A
	Methyl Oximino Silane	N/A	N/A	N/A
	Dimethylpolysiloxane	N/A	N/A	N/A
	Amorphous fumed silica	10 mg/m3	6 mg/m3	N/A

Distillates (petroleum), straight-run middle      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 <sup>2</sup> /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 Accumetric 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
Packing Group	N/A

## 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.
California Proposition 65	This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known
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)

<b>Section 16. Other Information</b>
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Revision Date	11/9/2015
Disclaimer	The data contained herein is based upon information that Soudal Accumetric 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.