



Safety Data Sheet

BOSS® 325 RTV Neutral Self-Leveling Silicone

Section 1. Identification

Product Identifier	BOSS® 325 RTV Neutral Self-Leveling Silicone		
Synonyms	32550; 32500		
Manufacturer Stock Numbers	02653CL10; 02652CL01		
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. If skin irritation or rash occurs: Get medical advice/attention. Read label before use. 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	
Other hazards	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

Eye Contact	Immediately flush with water for 15 minutes.
Skin Contact	No first aid should be needed.

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	Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog
Unsuitable Extinguishing Media	None known
Unusual Fire or Explosion Hazards	None known
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Auto-ignition Temperature	Not determined

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.
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Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Section 7. Handling and Storage

Storage	Keep container closed and store away from water or moisture.
Handling	Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.

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

Component Exposure Limits

Methyl ethyl ketoxime is formed upon contact with water or moisture in the air. Provide adequate ventilation to control exposures to within the exposure guideline of 2 ppm (TWA).

Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Respiratory Protection

Suitable Gloves:
Silver Shield® 4H®

Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator:
General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Precautionary Measures

Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

Comment

Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime within the exposure guidelines or use respiratory protection.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com).

Section 9. Physical and Chemical Properties

Physical State	Thick liquid
Color	Refer to product label

Odor	Slight
Odor Threshold	N/A
Solubility	Insoluble
Partition coefficient Water/n-octanol	N/A
VOC%	47 g/L
Viscosity	25,000 cPs
Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not determined
FP Method	N/A
Ph	Not applicable
Melting Point	Not determined
Boiling Point	Not determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not determined
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not determined
Vapor Density	Not determined

Note

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

Section 10. Stability and Reactivity

Materials to Avoid / Incompatibility	Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8.
Conditions to Avoid	None known
Hazardous polymerization	Will not occur
Chemical Stability	Stable

Section 11. Toxicological Information

Component Toxicology Information	No known applicable information.
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Special Hazard Information Vinyl Oximino Silane (2224-33-1) Possible skin sensitizer on Components

Carcinogenicity This product is not known to be a carcinogen.

Teratogenicity This product is not known to be teratogenic.

Mutagenicity This product is not known to be a mutagen.

Reproductive Toxin This product is not known to be a reproductive toxin.

Comment 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 possible.

Section 12. Ecological Information

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

Environmental Effects Complete information is not yet available.

Environmental Fate and Distribution Complete information is not yet available.

Section 13. Disposal

RCRA Hazard Class (40 CFR 261) When a decision is made to discard this material, as received, is it classified as a hazardous waste? NO

State or local laws may impose additional regulatory requirements regarding disposal.

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name Not regulated

DOT Classification Not regulated

Packing Group Not regulated

Air Shipment (IATA) Not subject to IATA regulations.

Ocean Shipment (IMDG) Not subject to IMDG code.

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 Titre III Section 304 CERCLA Substances dangereuses	None
SARA Title III Section 312 Hazard Class	Acute: Yes Chronic: No Fire: No Pressure: No Reactive: No
SARA Title III Section 313 Toxic Chemicals	None present or none present in regulated quantities.
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

Section 16. Other Information

Revision Date	11/4/2015
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.