




Safety Data Sheet

BOSS® 755 O-Ring Lubricant Silicone Compound

Section 1. Identification

Product Identifier	BOSS® 755 O-Ring Lubricant Silicone Compound		
Synonyms	75553		
Manufacturer Stock Numbers	02616BR10		
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	SENSITIZATION - SKIN - Category 1
Signal Word	Warning
Pictogram	
Hazard Statements	May cause an allergic skin reaction
Precautionary Statements	

Response	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. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
Storage	N/A
Disposal	Dispose of contents/ container to an approved waste disposal plant.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Additional Information	None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dione	0.1% - 1%
4485-12-5	Lithium Stearate	20% - 30%

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

Section 4. First-Aid Measures

Comments	Treat according to person's condition and specifics of exposure.
Ingestion	Get medical attention.
Inhalation	No first aid should be needed.
Skin Contact	No first aid should be needed.
Eye Contact	Immediately flush with water for 15 minutes.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, dry chemical, foam Use water fog to cool material in vicinity of fire.
Unsuitable Extinguishing Media	None known
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds Formaldehyde Silicon dioxide Metal oxides

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.
Flammability Limits in Air	Not determined
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.

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

Handling	Use with adequate ventilation. Traces of benzene (carcinogen) may form if heated above 300F (149C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review OSHA benzene regulation for detailed information on safe handling requirements. Avoid eye contact. Do not breathe mist. Keep container closed.
Storage	Use reasonable care and store away from oxidizing materials.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Dihydro-3-(tetrapropenyl)furan-2,5-dione	N/A	N/A	N/A
	Lithium Stearate	10 mg/m ³	5 mg/m ³	N/A
Personal Protective Equipment	N/A			
Component Exposure Limits	There are no components with workplace exposure limits.			

Engineering Controls	Local Ventilation: Recommended General Ventilation: Recommended
Respiratory Protection	No respiratory protection should be needed. Suitable Respirator: None should be needed.
Skin Protection	Washing at mealtime and end of shift is adequate. Suitable gloves: No special protection needed.
Eye Protection	Use proper protection - safety glasses as a minimum.
Comment	Traces of benzene (carcinogen) may form if heated above 300F (149C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review OSHA benzene regulation for detailed information on safe handling requirements.
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
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Physical State	Grease
Color	White
Odor	Slight odor
Odor Threshold	N/A
Solubility	Not determined
Partition coefficient Water/n-octanol	N/A
VOC%	Not determined
Viscosity	Not determined
Specific Gravity	1.1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>214F >101C
FP Method	Closed Cup
Ph	Not determined
Melting Point	Not determined
Boiling Point	Not determined
Boiling Range	N/A
LEL	N/A
UEL	N/A

Evaporation Rate	N/A
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.
 Conditions to Avoid None known
 Hazardous polymerization Will not occur
 Chemical Stability Stable

Section 11. Toxicological Information

Special Hazard Information on Components No known applicable information.
 Component Toxicology Information No known applicable information.

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 Title III Section 304 CERCLA Substances dangereuses	None
SARA Title III Section 311/312 Hazard Class	Acute: No 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
Massachusetts	Lithium stearate (4485-12-5)
New Jersey	Di(2-ethylhexyl) sebacate (122-62-3) Dimethyl, phenylmethyl siloxane, trimethyl-terminated (63148-52-7) Lithium stearate (4485-12-5)
Pennsylvania	Di(2-ethylhexyl) sebacate (122-62-3) Dimethyl, phenylmethyl siloxane, trimethyl-terminated (63148-52-7) Lithium stearate (4485-12-5)

Section 16. Other Information

Revision Date	11/10/2015
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.