

MSDS Document

Product BOSS® 414 Heat Sink Compound

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 414 Heat Sink Compound

Synonyms: 02558WH07

MSDS ID BOSS414

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

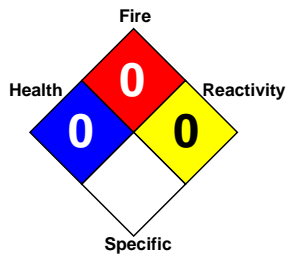
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 10/26/2009



Health:	0
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Dimethylpolysiloxane	63148-62-9	65% - 75%			
Zinc Oxide	1314-13-2	25% - 35%	2 mg/m ³ dust	5 mg/m ³ dust	10 mg/m ³

3. Hazard Identification

Eye Contact

May cause mild eye irritation

Skin Contact

A mild skin irritant

Inhalation

A dust hazard may occur if silica is separated from the mixture.

Ingestion

There are no known symptoms of ingestion.

Existing Conditions Aggravated by Exposure

No known applicable information.

Chronic Effects of Exposure

This product or one of its ingredients present 0.1% or more is not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

Primary Routes of Entry

Eye contact

Other

This product contains Methylpolysiloxane which can generate formaldehyde at approximately 300F (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

4. First Aid Information

Eye Contact

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact

Wash affected area with soap and water.

Inhalation

Not known to cause inhalation problems.

Ingestion

No harmful effects expected.

5. Fire Fighting Measures

Flash Point Not applicable

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and full protective equipment.

6. Accidental Release Measures

Steps to be taken if material is released or spilled

Scrape, sweep or gather up material and put in a container for disposal.

Disposal Method

Bury in a licensed landfill in accordance with federal, state and local regulations.

7. Handling and Storage

Precautions to be taken in handling and storage

Cure only where appropriate ventilation systems exist. During cure vapors are given off

which may be harmful.

8. Exposure Controls and Personal Protection

Engineering Controls

Exhaust ventilation during cure

Respiratory Protection

None

Eye & Face Protection

Safety glasses

Protective Gloves

Cloth or rubber gloves

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	2.3
Color/Appearance	White
Odor	Essentially odorless
pH	Not applicable
Boiling/Cond. Point	Not applicable
Melting/Freezing Point	Not applicable
Solubility	Insoluble in water
Evaporation Rate	Negligible
Percent Volatile	< 1% by volume
Vapor Density	Not applicable
Vapor Pressure	Not applicable

Note

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

10. Stability and Reactivity

Chemical Stability

Stable

Hazardous Polymerization

Will not occur

Hazardous Decomposition/Combustion Products

Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde

Materials to Avoid / Incompatibility

None known

Conditions to Avoid

None known

11. Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure.

12. Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

13. Disposal Considerations

Waste Disposal Method

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.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

14. Transportation Information

DOT Road Shipment Information

Not subject to DOT.

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 311/312

No components subject to 40 CFR 370

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

16. Other Information

Disclaimer

The data contained herein is based upon information that Accumetric LLC 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 to 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.