

MSDS Document

Product BOSS® 350 Flame Retardant Duct Sealant

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 350 Flame Retardant Duct Sealant

Synonyms: 02472GY25, C39036BE-CC01, 03034GY01, 03576GY01, 03715GY01, C39036RD, C39036GY, C39036DT, C39036BE, C39022GY, 03501GY07, SAS-UL-1, C39036LN

MSDS ID BOSS350

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

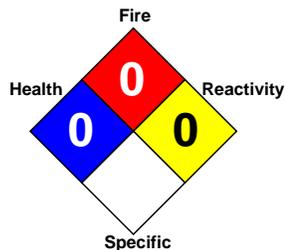
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 1/9/2013



| | |
|-------------|---|
| Health: | 0 |
| Fire: | 0 |
| Reactivity: | 0 |
| Specific | |

2. Composition and Information on Ingredients

| Ingredient | CAS Number | Weight % | ACGIH TLV | PEL | STEL |
|-----------------------|-------------|-----------|----------------------|----------------------|------|
| Calcium Carbonate | 471-34-1 | 30% - 60% | 10 mg/m ³ | 5 mg/m ³ | |
| Acrylic resin | Proprietary | 10% - 30% | | | |
| Water | 7732-18-5 | 10% - 30% | 0 | | |
| Phthalate plasticizer | Proprietary | 5% - 10% | | | |
| Titanium Dioxide | 13463-67-7 | 3% - Max | 10 mg/m ³ | 15 mg/m ³ | |

3. Hazard Identification

Health Hazards

The principle volatile component is water. Minor volatile components from the emulsion may cause headache and nausea. Prolonged and repeated skin contact can cause irritation. Treatment of overexposure should be directed at the control of symptoms and clinical

condition.

Primary Routes of Entry

Inhalation, skin contact

Eye Contact

Direct contact may cause moderate irritation.

Skin Contact

No evidence of adverse effects from available information.

Inhalation

Trace component and residual monomer may cause headache, nausea, and irritation of the nose, throat, and lungs in poorly ventilated areas.

Ingestion

No significant effects expected from a single short term exposure.

Existing Conditions Aggravated by Exposure

No known applicable information.

4. First Aid Information

Eye Contact

Immediately flush with water for 15 minutes. Seek medical attention.

Skin Contact

Wash affected area with soap and water.

Inhalation

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Ingestion

No first aid should be needed.

5. Fire Fighting Measures

Flash Point

Not determined

Special Fire Fighting Procedures

Non-flammable (aqueous emulsion). After water evaporates, remaining material will burn. Breathing apparatus required when fighting fires in enclosed areas.

Unusual Fire or Explosion Hazards

Product will not burn, but may splatter if temperature exceeds boiling point of water. Dried solids can burn, giving off oxides of carbon.

Extinguishing Media

Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

None known

Flammability: TDGR Class

Sensitivity to impact

Sensitivity to static discharge

6. Accidental Release Measures

Steps to be taken in case of spill or release

Restrict area to only those personnel needed. Major spills should be collected for disposal.

Minor spills may be flushed to sewer if permitted by state, federal and local regulations.

7. Handling and Storage

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.

Storage

Store in a cool dry place. Protect from freezing and excessive heat.

8. Exposure Controls and Personal Protection

Eye Protection

Safety goggles or glasses with side shields are recommended.

Skin Protection

Impervious gloves are suggested.

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. Not required under normal usage and adequate ventilation.

Ventilation

Good general ventilation should be sufficient.

9. Physical and Chemical Properties

| | |
|----------------------------|----------|
| Physical State | Paste |
| Specific Gravity | 1.624846 |
| Density lbs/Gal. | 13.56 |
| Color/Appearance | Gray |
| Odor | Slight |
| pH | 7.85 |
| Boiling/Cond. Point | 100C |

| | |
|-------------------------------|-----------------------------|
| Melting/Freezing Point | 0C |
| Solubility | Dilutable in wet stage |
| Evaporation Rate | Slower than n-Butyl Acetate |
| VOC % | 15.4 g/L |
| Percent Volatile | 19% |
| Viscosity | 750,000 cPs |
| Vapor Density | Lighter than air |
| Vapor Pressure | Not determined |

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

Conditions to Avoid

None known

Materials to Avoid / Incompatibility

None known

11. Toxicological Information

Special Hazard Information on Components

No known applicable information.

Component Toxicology Information

No known applicable information.

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

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

Road Shipment Information (DOT)

Not subject to DOT regulations.

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 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

Titanium dioxide (13463-67-7)

New Jersey

Titanium dioxide (13463-67-7)

Pennsylvania

Titanium dioxide (13463-67-7)

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 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.