

MSDS Document

Product BOSS® 363 50 Year Acrylic Latex with Silicone

1. Chemical Product and Company Identification

Product BOSS® 363 50 Year Acrylic Latex with Silicone

Synonyms: 02434CL10, 02434WH10, C39014CD, C39014AW, C39014LS, C39014CL, C39014AM, C39014AM-CC01, C39014GY, C39014WH, C39014BK, C39014BE-CC01, C39014AMW, C39014BR, C39014CF, C39014CML, C39014RR, C39014SAD, C39014SDE, C39014BZ, C39041BK, C39041GY, C39014RW, C39014BZ-CC03, C39014CD-CC01, C39014FN, C39014GY-CC01, C39014MO-CC01, C39014RW-CC01, C39014SST, 02434AM10, 02434GY10, 02434BZ10

MSDS ID BOSS363

Manufacturer

Accumetric, LLC
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Phone Number

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Emergency Phone

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

Revision Date 5/7/2013

Health:	1
Fire:	0
Reactivity:	0
Stock	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Ethylene Glycol	107-21-1	< 1.0 %	50 mg/m ³	40 ppm	40 ppm
Distillates (petroleum), hydrotreated middle	64742-46-7	< 2.0 %	5 mg/m ³	5 mg/m ³	10 mg/m ³

3. Hazard Identification

Symptoms of Overexposure

No known applicable information.

Existing Conditions Aggravated by Exposure

No known applicable information.

Ingestion

No significant effects expected from a single short term exposure.

Inhalation

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

Skin Contact

No significant effects expected from a single short-term exposure.

Eye Contact

Direct contact may cause moderate irritation.

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.

Note

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. First Aid Information

Inhalation

Remove to fresh air. Seek medical attention if irritation persists.

Skin Contact

Wash affected area with soap and water.

Eye Contact

Immediately flush with large amounts of water. If irritation occurs, seek medical attention.

Ingestion

No first aid should be needed.

5. Fire Fighting Measures

Flash Point	Not determined
LEL	0.9
UEL	15.3

Special Fire Fighting Procedures

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

Extinguishing Media

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

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.

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.

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**Ventilation**

Local exhaust ventilation is recommended to maintain vapor level below TLV.

Respiratory Protection

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.

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.

Suitable Gloves:
Silver Shield® 4H®

Eye Protection

Chemical goggles if liquid contact is likely, or safety glasses with side shields.

Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

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).

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.62
Color/Appearance	Various
Odor	Slight acrylic odor
Boiling/Cond. Point	100C
Melting/Freezing Point	0C
Solubility	Dilutable in wet stage
Evaporation Rate	Slower than n-Butyl acetate
VOC %	28 g/L
Percent Volatile	19%
Vapor Density	Lighter than air
Vapor Pressure	Not determined

CARB Method 310

VOC Content: 28 grams/liter

Note

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

10. Stability and Reactivity

Conditions to Avoid

None known

Hazardous Polymerization

Will not occur

Chemical Stability

Stable

Materials to Avoid / Incompatibility

None known

11. Toxicological Information

Special Hazard Information on Components

No known applicable information.

Carcinogenicity

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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

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.

14. Transportation Information

Ocean Shipment (IMDG)

Not subject to IMDG code.

Road Shipment Information (DOT)

Not subject to DOT regulations.

Air Shipment (IATA)

Not subject to IATA 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 311/312

No components subject to 40 CFR 370

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

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.