MSDS Document

Product BOSS® 380 Contractor's Silicone Sealant

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 380 Contractor's Silicone Sealant

Synonyms: 02142CL10, 02142WH10, 02142BK10, 02142AL10, 02142BZ10, 02142AM10, 02142BW10, 03336CL01, 02142CW10, 02142GR10, 02142MH10, 02142TN10, 02142TW10

MSDS ID BOSS380

Manufacturer
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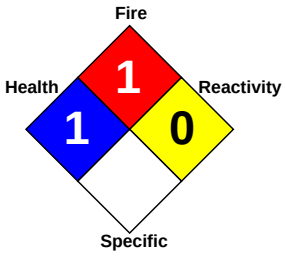
Revision Date 3/17/2011



2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Distillates (petroleum), hydrotreated middle	64742-46-7	<= 6.9 %	5 mg/m3	5 mg/m3	10 mg/m3
Ethyltriacetoxysilane	17689-77-9	1% - 5%	TWA 10ppm	TWA 10ppm	15ppm
Methyltriacetoxysilane	4253-34-3	1% - 5%	TWA 10ppm	TWA 10ppm	15ppm

3. Hazard Identification

Eye Contact
Direct contact may cause moderate irritation.

Skin Contact
May cause moderate irritation.

Inhalation
Material is not likely to present an inhalation hazard at ambient conditions. However, if material is heated or high vapor/aerosol concentrations are attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of coordination.

Ingestion
Low ingestion hazard in normal use.

Symptoms of Overexposure
No known applicable information.

Existing Conditions Aggravated by Exposure
No known applicable information.

Note
The above listed potential effects 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 detailed toxicology information.

4. First Aid Information

Eye Contact
Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes while holding the eyelids(s) open. If contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or unto the face. Immediately obtain medical attention.

Skin Contact
Remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Flush with lukewarm gently flowing water for 15 minutes. If irritation persists, repeat flushing. If irritation persists, repeat flushing. If irritation persists, obtain medical advice.

Inhalation
If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Ingestion
If irritation or discomfort occur, obtain medical advice.

Comments
Treat according to person's condition and specifics of exposure.

5. Fire Fighting Measures

Flash Point Not Applicable

Auto-ignition Temperature
Not determined

Flammability Limits in Air
Not determined

Extinguishing Media
On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

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.

Unusual Fire or Explosion Hazards
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

Depending on color, may also evolve:
Metal oxides

6. Accidental Release Measures

Steps to be taken in case of spill or release
Observe all personal protection equipment recommendations. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Dispose of saturated absorbant 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
Use with adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed.

Storage
Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

8. Exposure Controls and Personal Protection

Exposure Controls
Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

Engineering Controls
Local Ventilation: Recommended
General Ventilation: Recommended

Eye Protection
Safety goggles or glasses with side shields are recommended.

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

Suitable Gloves:
Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personnel protective equipment manufacturer for selection of appropriate compatible materials.

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:
Respiratory protection is not needed under ambient conditions. If vapor are generated when material is heated or handled, the following is advised. General or local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirator.

Comment
Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection.

When heated to temperatures above 150C (300F) in the presence of air, product can form formaldehyde vapors. Physical and health hazard information is readily available on the Material Safety Data Sheet.

Precautionary Measures
Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Use reasonable care.

Note
These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	0.96
Color/Appearance	Various
Odor	Acetic Acid Odor
pH	Not Determined
Boiling/Cond. Point	Not Determined
Melting/Freezing Point	Not Determined
Solubility	Not Determined
Evaporation Rate	Not Determined
VOC %	29 g/L
Percent Volatile	Not Determined
Viscosity	Not Determined
Vapor Density	Not Determined
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
Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.

11. Toxicological Information

Special Hazard Information on Components
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

DOT Road Shipment Information
Not subject to DOT.

Ocean Shipment (IMDG)
Not subject to IMDG code.

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 Title III Section 304 CERCLA Hazardous Substances
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.

Note
Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

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
Silica, amorphous (7631-86-9)

Depending on color, may also contain:
Titanium dioxide (13463-67-7)

New Jersey
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Ethyltriacetoxysilane (17689-77-9)
Hydrotreated medium petroleum distillates (64742-46-7)
Methyltriacetoxysilane (4253-34-3)
Silica, amorphous (7631-86-9)

Depending on color, may also contain:
Carbon black (1333-86-4)
Titanium dioxide (13463-67-7)

Pennsylvania
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Hydrotreated medium petroleum distillates (64742-46-7)
Silica, amorphous (7631-86-9)

Depending on color, may also contain:
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.