Safety Data Sheet

Bramec HVAC Silicone 20080, 20081, 20082

Section 1. Identification

Product Identifier	Bramec HVAC Silicone 20080, 20081, 20082
Synonyms	03717WH10; 03717AL10; 03717CL10
Manufacturer Stock Numbers	03717WH10; 03717AL10; 03717CL10
Recommended use	Refer to Technical Information
Uses advised against	Refer to Technical Information
Manufacturer Contact	
Address	Soudal Accumetric 350 Ring RD Elizabethtown, KY, 42701 USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 765-2412

Section 2. Hazards Identification

Classification	N/A
Signal Word	
Pictogram	
Hazard Statements	N/A
Precautionary Statements	
Response	N/A
Prevention	N/A
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity	0%

Hazards not Otherwise Classified	
GHS Label Element	Not a hazardous substance or mixture.
GHS Classification	Not a hazardous substance or mixture.
Other hazards	None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
17689-77-9	Ethyltriacetoxysilane	1% - 5%
4253-34-3	Methyltriacetoxysilane	1% - 5%
64742-46-7	Distillates (petroleum), hydrotreated middle	15% - 35%

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

Section 4. First-Aid Measures

Eye Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelids open. 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, 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.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
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

Section 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.
Note	See Section 8 for information about personal protective equipment for spills. Contact Accumetric, LLC if additional information is required.

Section 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.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Ethyltriacetoxysilane	TWA 10ppm	TWA 10ppm	15ppm
Methyltriacetoxysilane	TWA 10ppm	TWA 10ppm	15ppm
Distillates (petroleum), hydrotreated middle	5 mg/m3	5 mg/m3	10 mg/m3

Personal Protective Equipment	Goggles, Gloves
Component Exposure Limits	Component Name: Ethyltriacetoxysilane CAS Number: 17689-77-9 Exposure Limits: See acetic acid comments

	Component Name: Methyltriacetoxysilane CAS Number: 4253-34-3 Exposure Limits: See acetic acid comments 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	Use proper protection - safety glasses as a minimum.
Skin Protection	Wash at mealtimes 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: Handle in accordance with good industrial hygiene and safety practices.
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.
Inhalation	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator	Respiratory protection is not needed under ambient conditions. If vapor is generated when material is heated or handled, the following is advised. General and 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/MSHA approved respirators.
Personal Protective Equipment for Spills	Eyes: Use full face respirator. Skin: Wash at mealtimes 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. Inhalation/Suitable Respirator: Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Precautionary Measures	Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Use reasonable care.
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.

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

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Refer to product label
Odor	Acetic Acid Odor
Odor Threshold	N/A
Solubility	Not Determined
Partition coefficient Water/n-octanol	N/A
VOC%	24 g/l
Viscosity	Not Determined
Specific Gravity	0.96
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not Applicable
FP Method	N/A
Ph	Not Determined
Melting Point	Not Determined
Boiling Point	Not Determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not Determined
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

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 as described in Section 8.
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

Section 11. Toxicological Information

Special Hazard Information on Components	No known applicable information.

Section 12. Ecological Information

Environmental Fate and Distribution	Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants	Complete information is not yet available.
Environmental Effects	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.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A
Road Shipment Information (DOT)	Not subject to DOT regulations.
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 in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
SARA Title III Section 302 Extremely Hazardous Substances	None
SARA Titre 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.
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
New Jersey	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Ethyltriacetoxysilane (17689-77-9) Methyltriacetoxysilane (4253-34-3) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7)
Pennsylvania	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7)

Section 16. Other Information

Revision Date	2/19/2016
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.