

Material Safety Data Sheet

Accumetrie LLC
350 Ring Road
Elizabethtown, KY 42701

BAMEC SILICONE SEALANT

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL NAME: RTV ADHESIVE SEALANT
CUSTOMER NAME: BAMEC SILICONE SEALANT

CHEMICAL FAMILY: SILICONE
FORMULA: MIXTURE

CHEM TEL: 1-800-424-9300

NFPA = NATIONAL FIRE PROTECTION ASSOCIATION

HEALTH (NFPA): 1
FLAMMABILITY 1
REACTIVITY 0

SECTION 2. HAZARDOUS INGREDIENTS

NAME: ETHYLTRIACETOXYSILANE
CAS NUMBER: 17689-77-9 PERCENT BY WEIGHT: 2.00%
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED
OSHA STEL: NONE ESTABLISHED

NAME: METHYLTRIACETOXYSILANE
CAS NUMBER: 4253-34-3 PERCENT BY WEIGHT: 2.00%
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED
OSHA STEL: NONE ESTABLISHED

NAME: SILICA
CAS NUMBER: 007631869 PERCENT BY WEIGHT: 2.00%
ACGIH TLV: 10 MG/M3
OSHA PEL: NONE ESTABLISHED
ISHA STEL: NONE ESTABLISHED

NON-HAZARDOUS INGREDIENT: POLYDIMETHYSILOXANE

SECTION 3. PHYSICAL PROPERTIES

BOILING POINT: N/A
VAPOR PRESSURE (MM HG): <5 MM
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: <0.1%
APPEARANCE AND ODOR: ACETIC ACID-LIKE PASTE
SPECIFIC GRAVITY (H2O=1): 1.04
MELTING POINT: N/A
EVAPORATION RATE (ETHER 1): <1
VOC CONTENT: 32 GRAMS/LITER

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: 212 DEG F/100 DEG C OPEN CUP
FLAMMABLE LIMITS: NOT DETERMINED
LEL%: N/D
UEL%: N/
EXTINGUISHING MEDIA: ON LARGE FIRES USE DRY CHEMICAL, FOAM OR WATER
SPRAY. ON SMALL FIRES USE CARBON DIOXIDE (CO2), DRY CHEMICAL OR WATER
SPRAY. WATER CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.
FIRE FIGHTING MEASURES:
SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD
BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE KNOWN.

SECTION 5. STABILITY AND REACTIVITY

STABILITY: STABLE

INCOMPATIBILITY: OXIDIZING MATERIAL CAN CAUSE A REACTION.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

SILICONE DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

CONDITIONS TO AVOID: AIR OR MOISTURE CAUSES POLYMERIZATION AND ACETIC ACID VAPORS ARE FORMED.

HAZARD POLYMERIZATION : WILL NOT OCCUR

SECTION 6. HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: YES SKIN: YES INGESTION: YES

HEALTH HAZARDS: NONE KNOWN

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO

OSHA REGULATED: NO

SIGNS AND SYMPTOMS OF EXPOSURE:

INGESTION: MAY CAUSE STOMACH DISCOMFORT

SKIN CONTACT: UNCURED PRODUCT MAY IRRITATE LIPS, GUMS, TONGUE, AND SKIN.

EYE CONTACT: UNCURED PRODUCT CONTACT IRRITATE EYES.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION

SKIN: WIPE OFF AND FLUSH WITH WATER

INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION

ORAL: OBTAIN MEDICAL ATTENTION

Comments:

When heated to temperatures above 150°C (300°F) in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate eyes, nose and throat. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA permissible exposure limit for formaldehyde.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL-LIKE RESIDUES.

WASTE DISPOSAL METHOD:

REVIEW ALL LOCAL, STATE, AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION TO DETERMINE APPROVED DISPOSAL METHOD.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE BELOW 90 DEG. F. USE REASONABLE CARE AND CAUTION.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

ACID GAS/ORGANIC VAPOR TYPE

VENTILATION:

LOCAL EXHAUST: NONE ESTABLISHED

MECHANICAL: NONE

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: USE CHEMICAL WORKERS GLOVES.

EYE PROTECTION: USE PROPER EYE PROTECTION, SAFETY GLASSES AS MINIMUM.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NONE

WORK PRACTICES:

GROSS AMOUNTS OF MATERIAL SHOULD BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.

SECTION 9. TOXICOLOGICAL PROPERTIES

NO PRODUCT OR COMPONENT TOXICOLOGICAL INFORMATION IS AVAILABLE

SECTION 10. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 11. REGULATORY INFORMATION

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD
(29 CFR 1910.1200)

CERCLA: SARA – HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED
ACCORDING TO THE EPA “HAZARD CATEGORIES” PROMULGATED UNDER
SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND
REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER
APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:

EXTREMELY HAZARDOUS SUBSTANCES: NONE

CERCLA HAZARDOUS SUBSTANCES: NONE

SECTION 312 HAZARD CLASS:

ACUTE: YES

CHRONIC: NO

FIRE: NO

PRESSURE: NO

REACTIVE: NO

TOXIC SUBSTANCES CONTROL ACT: ALL CHEMICAL SUBSTANCES IN THIS
MATERIAL ARE INCLUDED ON OR EXEMPTED FROM LISTING ON THE TSCA
INVENTORY OF CHEMICAL SUBSTANCES.

U.S. STATE REGULATIONS AS FOLLOWS:

CALIFORNIA PROPOSITION 65:

WARNING: THE CHEMICALS NOTED BELOW AND CONTAINED IN THIS PRODUCT
ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS
OR OTHER REPRODUCTIVE HARM.

CHEMICAL NAME CAS NUMBER

NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT.

SECTION 12. ADDITIONAL INFORMATION

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PREPARED: MAY 3, 2002

REVISION: DECEMBER 5, 2003