

VALCO CINCINNATI CONSUMER PRODUCTS INC.

MATERIAL SAFETY DATA SHEET

MATERIAL NAME: VALCO ALL-IN-ONE SILICONE, TUBE: ALUMINUM (710XX195, 710XX193, 710XX196), BLACK (710XX135, 710XX133, 710XX136), (CLEAR (710XX105, 710XX103, 710XX106), CARTRIDGES: ALUMINUM (710XX202) CLEAR (710XX112), BLACK (710XX142)

EMERGENCY TELEPHONE NO.: CALL INFOTRAC AT 1-800-535-5053

PRODUCT INFORMATION NO.: (513) 874-6550

DATE ISSUED: AUGUST 2009

SECTION I – GENERAL INFORMATION

MANUFACTURER'S NAME: VALCO CINCINNATI, INCORPORATED
ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246

TRADE NAME & SYNONYMS: ALL-IN-ONE SILICONE

NFPA = NATIONAL FIRE PROTECTION ASSOCIATION: 704

HEALTH (NFPA): 2 **FLAMMABILITY (NFPA):** 1 **REACTIVITY (NFPA):** 0

TRANSPORTATION INFORMATION: Not subject to DOT, IMDG or IATA Regulations

SHELF LIFE: 1 YEAR

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY - COMMON NAME(S)):

METHYLTRIACTOXYLANE 2%

CAS NUMBER: #004253343

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY - COMMON NAME(S)):

ETHYLTRIACTOXYLANE 2%

CAS NUMBER: #017689779

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY - COMMON NAME(S)):

SILICA, AMORPHOUS 10%

CAS NUMBER: #007631869

OSHA PEL: TWA 15 MG/M3 **ACGIH TLV:** TWA 10 MG/M3 TOTAL DUST

COMMENTS: OBSERVED LIMITS FOR ACETIC ACID, FORMED DURING CURING ON EXPOSURE TO WATER OR HUMID AIR. PROVIDE ADEQUATE VENTILATION TO CONTROL EXPOSURES.

OSHA PEL: TWA 10 PPM ACGIH

TLV: TWA 10 PPM, STEL 15 PPM.

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NOT APPLICABLE

VAPOR PRESSURE (MM HG. @ 68°F): LESS THAN 5 MM

MELTING POINT: N/A

VAPOR DENSITY: NOT APPLICABLE

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: NONE

PERCENT VOLATILE BY WEIGHT: SPECIFIC

GRAVITY (AT 77 DEG F/25 DEG C): 1.04

APPEARANCE AND ODOR: ACETIC ACID-LIKE, PASTE ALUMINUM

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USE): CLOSED CUP ABOVE 212F/100C: NOT APPLICABLE – SOLID

AUTOIGNITION TEMPERATURE: NOT DETERMINED

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: NOT DETERMINED

EXTINGUISHING MEDIA: WATER, WATER FOG (OR SPRAY), CO₂, DRY CHEMICAL, FOAM, OTHER

SPECIAL FIRE FIGHTING PROCEDURES:

SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS. IF LARGE AMOUNT IS INVOLVED, EVACUATE AREA.

SECTION V – REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXPOSURE TO AIR OR MOISTURE UNTIL READY TO USE

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING MATERIAL CAN CAUSE A REACTION, AIR OR MOISTURE CAUSES CURING AND ACETIC ACID

HAZARDOUS DECOMPOSITION PRODUCTS OR BY-PRODUCTS: ALUMINUM OXIDE, SILICON DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS, FORMALDEHYDE.

TOXICOLOGICAL INFORMATION: COMPLETE INFORMATION NOT YET AVAILABLE.

ECOLOGICAL INFORMATION: COMPLETE INFORMATION NOT YET AVAILABLE.

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SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES, SKIN, INGESTION, INHALATION

SKIN: A SINGLE SHORT EXPOSURE (LESS THAN 24 HOURS) MAY IRRITATE. REPEATED PROLONGED CONTACT (24 TO 48 HOURS) MAY IRRITATE MODERATELY.

EYE: DIRECT CONTACT IRRITATES MODERATELY WITH REDNESS AND SWELLING

INHALATION: VAPOR OVEREXPOSURE MAY IRRITATE EYES, NOSE AND THROAT

INGESTION: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC., SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY CAUSE DIGESTIVE DISCOMFORT.

NO INJURY FROM SILICA DUST SHOULD OCCUR DURING REASONABLE USE. IF USE CREATES RESPIRABLE PARTICLES, SOME RESPIRATORY SYSTEM INJURY MAY OCCUR. CURED SEALANT IS NONHAZARDOUS. NO KNOWN ADVERSE CHRONIC HEALTH EFFECTS, BUT UNNECESSARY EXPOSURE TO ANY CHEMICAL SHOULD BE AVOIDED. THIS PRODUCT, AS WITH ANY CHEMICAL, MAY ENHANCE ALLERGIC CONDITIONS IN CERTAIN PEOPLE.

EMERGENCY AND FIRST AID PROCEDURES:

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

SKIN: REMOVE FROM SKIN AND WASH THOROUGHLY WITH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION: NO FIRST AID SHOULD BE NEEDED

INHALATION: REMOVE TO FRESH AIR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE PRODUCT AND CONTAIN FOR SALVAGE DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS AT TIME OF DISPOSAL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE BELOW 90°F/32°C. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID EYE CONTACT. AVOID BREATHING VAPOR. USE REASONABLE CARE.

SECTION VII – CONTROL MEASURES

RESPIRATORY PROTECTION: USE RESPIRATORY PROTECTION UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING SHOW EXPOSURES ARE WITHIN TLV AND PEL GUIDELINES.

SKIN PROTECTION: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE. REMOVE CONTAMINATED CLOTHING AND SHOES AS SOON AS PRACTICAL AND CLEAN THOROUGHLY BEFORE REUSE. RUBBER OR PLASTIC GLOVES ARE RECOMMENDED.

VENTILATION: LOCAL EXHAUST MAY BE NEEDED AND MECHANICAL IS RECOMMENDED.

SECTION IX – DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HEREWITH.