

VALCO CINCINNATI CONSUMER PRODUCTS INC.

SAFETY DATA SHEET

MATERIAL NAME: VALCO ALL-IN-ONE SILICONE, TUBE: ALUMINUM (710XX195, 710XX193, 710XX206, 710XX211), BLACK (710XX135, 710XX133), (CLEAR (710XX105, 710XX103), CARTRIDGES: ALUMINUM (710XX202) CLEAR (710XX112), BLACK (710XX142) PAIL (710XX375)

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

PRODUCT INFORMATION NO.: (513) 874-6550

DATE ISSUED: JANUARY 1, 2015

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):1 FLAMMABILITY (NFPA): 1 REACTIVITY (NFPA): 0

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

DESCRIPTION : Silicone Elastomer

PHYSICAL FORM: Paste

ODOR: Acetic Acid Odor

SHELF LIFE: 1 YEAR

SECTION II – HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS



ACUTE EFFECTS:

EYE Direct contact may cause mild irritation

SKIN May cause mild irritation

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

ORAL Low ingestion hazard in normal use

PROLONGED/REPEATED EXPOSURE EFFECTS

SKIN No known applicable information

INHALATION No known applicable information

ORAL No known applicable information

SIGNS AND SYMPTOMS OF OVEREXPOSURE

No known applicable information

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No known applicable information

SECTION III – COMPOSITION INFORMATION

CAS NUMBER	WT %	COMPONENT NAME
17689-77-9	1.0-5.0	Ethyltriacetoxysilane
4253-34-3	1.0-5.0	Methyltriacetoxysilane

The above components are hazardous as defined in 29 CFR 1910.1200.

SECTION IV – FIRST AID MEASURES

EYE Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelid(s) open. Obtain medical attention.

SKIN No health effects expected. If irritation does occur flush with lukewarm water for 5 minutes. 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.

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SECTION IV – FIRST AID MEASURES (CONT)

ORAL If irritation or discomfort occur, obtain medical advice.

NOTES TO PHYSICIAN Treat according to person's condition and specifics of exposure.

SECTION V – FIRE FIGHTING MEASURES

FLASH POINT Not applicable

AUTOIGNITION 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 (CO₂), dry chemical or water spray. Water can be used to cool fire exposed to containers.

FIRE FIGHTING MEASURES Self-contained breathing apparatus and protective clothing should be worn in 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 to containers cool.

SECTION VI – ACCIDENTAL RELEASE MEASURES

CONTAINMENT/CLEAN UP

Observe all personal protection equipment recommendations described in Sections 5 and 8. 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 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 releases. You will need to determine which Federal, State and Local laws and regulations are applicable. Sections 15 and 15 of this MSDS provide information regarding certain Federal and State requirements.

NOTE: SEE SECTION 8 FOR PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS

SECTION VII – HANDLING AND STORAGE

Use with adequate ventilation. Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.

Keep container closed and store away from water or moisture.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT EXPOSURE LIMITS

<u>CAS NUMBER</u>	<u>COMPONENT NAME</u>	<u>EXPOSURE LIMITS</u>
17689-77-9	Ethyltriacetoxysilane	See acetic acid comments
4253-34-3	Methyltriacetoxysilane	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 Should not be needed
GENERAL VENTILATION Recommended

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT)
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PERSONAL PROTECTIVE EQUIPMENT FOR ROUTINE HANDLING

EYES	Use proper protection – safety glasses as a minimum
SKIN	Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as possible and thoroughly cleaned before reuse. Chemical protective gloves are recommended.
INHALATION	No respiratory protection should be needed
PRECAUTIONS	Avoid eye contact. Avoid skin contact. Use reasonable care
COMMENTS	Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection
NOTE	These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES
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PHYSICAL FORM	Paste	COLOR	Colorless
ODOR	Acetic acid odor	SPECIFIC GRAVITY @25°C (77°F)	1.04
VISCOSITY	Not determined	BOILING POINT	Not determined
FREEZING/MELTING POINT	Not determined	SOLUBILITY IN WATER	Not determined
VAPOR PRESSURE @ 25°C (77°F)	Not determined	VOLATILE CONTENT	Not determined
VAPOR DENSITY	Not determined	AUTO IGNITION TEMP	Not determined
Ph	Not determined		
FLASH POINT	Not applicable		
FLAMMABILITY LIMITS IN AIR	Not determined		

SECTION X – STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable
HAZARDOUS POLYMERIZATION	Hazardous polymerization will not occur
CONDITIONS TO AVOID	None
MATERIALS TO AVOID	Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

SECTION XI – TOXICOLOGICAL INFORMATION

SPECIAL HAZARD INFORMATION ON COMPONENTS

No known applicable information.

SECTION XII – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION

Complete information is not yet available.

ENVIRONMENTAL EFFECTS

Complete information is not yet available.

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SECTION XII – ECOLOGICAL INFORMATION (CONT)

FATE AND EFFECTS IN WASTE WATER TREATMENT PLANTS

Complete information is not yet available.

ECOTOXICITY CLASSIFICATION CRITERIA

HAZARDOUS PARAMETERS (LC50 or EC50)	HIGH	MEDIUM	LOW
Acute Aquatic Toxicity (mg/L)	<=1	> 1 and <= 100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=2000	>2000

SECTION XIII – DISPOSAL

RCRA HAZARD CLASS (40 CFR 261)

This material is classified as non-hazardous waste.

State or local laws may impose additional regulatory requirements regarding disposal.

SECTION XIV - TRANSPORTATION

DOT ROAD SHIPMENT INFORMATION (49CFR 172.101)

Not subject to DOT

OCEAN SHIPMENT (IMDG)

Not subject to IMDG code

AIR SHIPMENT (IATA)

Not subject to IATA regulations

SECTION XV – REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: All chemical substance in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA TITLE III CHEMICAL LISTINGS

Section 302 Extremely Hazardous Substances (40 CFR 355): None
Section 304 CERCLA Hazardous Substances (40 CFR 302): None

SECTION 311/312 HAZARD CLASS (40 CFR 370)

Acute: No
Chronic: No
Fire: No
Pressure: No
Reactive: No

SECTION 313 TOXIC CHEMICALS (40 CFR 372):

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.

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SECTION XV – REGULATORY INFORMATION (CONT)

SUPPLEMENTAL STATE COMPLIANCE INFORMATION

California

This product contains no 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.

Massachusetts

<u>CAS NUMBER</u>	<u>WT%</u>	<u>COMPONENT NAME</u>
7631-86-9	7.0-13.0	Silica, amorphous

New Jersey

<u>CAS NUMBER</u>	<u>WT%</u>	<u>COMPONENT NAME</u>
70131-67-8	70.0-90.0	Dimethyl siloxane, hydroxyl-terminated
7631-86-9	7.0-13.0	Silica, amorphous
17689-77-9	1.0-5.0	Ethyltriacetoxysilane
4253-34-3	1.0-5.0	Methyltriacetoxysilane

Pennsylvania

<u>CAS NUMBER</u>	<u>WT%</u>	<u>COMPONENT NAME</u>
70131-67-8	70.0-90.0	Dimethyl siloxane, hydroxyl-terminated
7631-86-9	7.0-13.0	Silica, amorphous

SECTION XVI – 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.