

VALCO CINCINNATI CONSUMER PRODUCTS INC.

ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246

MATERIAL SAFETY DATA SHEET

MATERIAL NAME: VALCO HYLOMAR SILICONE SEALANT 100 SERIES 710XX117, 710XX280, 710XX297, 710XX298, 710XX364

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: HYLOMAR LTD WIGAN ENGLAND

TRADE NAME & SYNONYMS: HYLOMAR SILICONE SEALANT

NFPA = NATIONAL FIRE PROTECTION ASSOCIATION: 704

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

D.O.T.: NONE

HAZARD CLASS: NON-HAZARDOUS

SHELF LIFE: 2 YEARS

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

| | CAS NUMBER: | ACGIH TLV/TWA: |
|--------------------------------|--------------------|-----------------------|
| DIHYDROXYPOLYDIMETHYL SILOXANE | 7013-67-8 | N/A N/A 55 +/- 5 |
| DIMETHYL POLYSILOXANE | 63148-62-9 | N/A N/A 20 +/- 5 |
| KAOLIN | 1332-58-7 | N/A N/A 20 +/- 5 |
| CYCLOAMINO SILANE | 15901-40-3 | N/A N/A 5 +/- 1 |

VOC Max 5% w/w Form: Cyclohexylamine by product of crosslink agent Methyltrioclohexylaminosilane
Not listed on Prop 65 as of June, 2007

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT, 760 MM HG: N/A

SPECIFIC GRAVITY @ 20°C: 1.150

VAPOR DENSITY (AIR = 1): 3.3

PERCENT VOLATILES BY VOLUME: NIL

FLASH POINT: 430°C

APPEARANCE AND ODOR: BLACK PASTE AMINE ODOR

FREEZE POINT: N/A

VAPOR PRESSURE (mm Hg @ 25°C): –

SOLUBILITY IN WATER, PERCENT BY WEIGHT: INSOLUBLE

EVAPORATION RATE (BUTYL ACETATE =1): N/A

pH (NEAT): N/A

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): 200°F

FLAMMABLE LIMITS IN AIR PERCENT BY VOLUME: N/A

EXTINGUISHING MEDIA: FOAM, CO₂, DRY CHEMICAL, WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION V – REACTIVITY DATA

STABILITY: STABLE **CONDITIONS TO AVOID:** SOURCES OF IGNITION

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS OR ACIDS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

TOXICOLOGICAL INFORMATION: AFTER CROSS-LINKING AND REMOVAL OF VOLATILE SUBSTANCES, PRODUCT IS NOT MUTAGENIC NOR CARCINOGENIC NOR TERATOGENIC AND IS NOT HAZARDOUS TO MEN AND ECOLOGY.

ACUTE TOXICITY: NO DATA KNOWN

FURTHER TOXICOLOGICAL INFORMATION: PRODUCT CAUSES IRRITATION OF THE SKIN AND MUCOUS MEMBRANES. IN CONTACT WITH DAMPNESS PRODUCT SEPARATES A SMALL QUANTITY OF CYCLOHEXYLAMINE (108-91-8) WHICH IRRITATES SKIN, MUCOUS MEMBRANES AND RESPIRATORY SYSTEM.

SECTION 313 SUPPLIER NOTIFICATION: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR, PART 372: COMPONENT: NONE CAS #: N/A PERCENT: N/A

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY

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SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES, SKIN, INGESTION, INHALATION

EYE: CAUSES SEVERE IRRITATION

SKIN: MAY CAUSE IRRITATION TO LIPS, GUMS AND TONGUE

INHALATION: MAY CAUSE MILD RESPIRATORY IRRITATION

INGESTION: IRRITATION OF THE MOUTH, THROAT AND STOMACH; CURED MATERIAL IS INERT

SIGNS AND SYMPTOMS OF EXPOSURE: SENSITIVE EYES, REDDENING OF SKIN, SHORTNESS OF BREATH OR DIZZINESS. ACUTE OVEREXPOSURE: LARGE CONCENTRATIONS MAY BE HARMFUL TO SKIN AND IF SWALLOWED. MAY CAUSE SEVERE BURNS.

AGGRAVATION OF EXISTING CONDITIONS: PRE-EXISTING EYE OR SKIN OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXCESSIVE EXPOSURE.

CHEMICAL IS **NOT** LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN WITH N.T.P. OR I.A.R.C. OR O.S.H.A. LD 50 ORAL - RAT = 640 mg/kg, LD 50 DERMAL - RAT = 1640 mg/kg. THIS INFORMATION IS REFERENCED TO SME 12-025.8112

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

SKIN: WASH WITH WARM, SOAPY WATER. REMOVE CONTAMINATED CLOTHING.

IF IRRITATION OCCURS GET MEDICAL ATTENTION.

INGESTION: DO NOT GIVE LIQUIDS IF VICTIM IS UNCONSCIOUS OR VERY DROWSY. DO NOT INDUCE VOMITING – CALL A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMS. CALL A PHYSICIAN.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ALLOW TO CURE THEN SCRAPE UP PUTTY AND PLACE IN CONTAINER SUITABLE FOR DISPOSAL. AVOID BREATHING FUMES/SPRAY/MIST, VENTILATE CONFINED SPACES. KEEP FROM WATER COURSES AND SEWERS. DISPOSE OF MATERIALS IN ACCORDANCE WITH ALL LAWS, FEDERAL, STATE AND LOCAL.

WASTE DISPOSAL METHOD: DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE, AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM FOODSTUFFS. WASH THOROUGHLY AFTER USE. DO NOT EAT, DRINK, OR SMOKE WHILE USING. SAFETY SHOWER, EYE BATH, AND WASHING FACILITIES SHOULD BE AVAILABLE.

OTHER PRECAUTIONS: NONE

SECTION VII – CONTROL MEASURES

RESPIRATORY PROTECTION: IF IT IS POSSIBLE TO GENERATE SIGNIFICANT LEVELS OF VAPORS OR MISTS, A NIOSH APPROVED OR EQUIVALENT RESPIRATOR IS RECOMMENDED.

VENTILATION: GENERAL VENTILATION IS RECOMMENDED.

PROTECTIVE EQUIPMENT: USE IMPERMEABLE GLOVES AND CHEMICAL SPLASH GOGGLES WHEN ATTACHING FEEDING EQUIPMENT OR DOING MAINTENANCE.

IF CLOTHING IS CONTAMINATED, REMOVE CLOTHING AND THOROUGHLY WASH THE AFFECTED AREA. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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.