

**VALCO CINCINNATI CONSUMER PRODUCTS INC.**

**ADDRESS:** 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246

**SAFETY DATA SHEET**

**MATERIAL NAME:** HYLOMAR ADVANCED FORMULATION AND HV **PART NUMBER:** 710XX300, 710XX301, 710XX316, 710XX964

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

**PRODUCT INFORMATION NO.:**(513) 874-6550

**DATE ISSUED:** FEBRUARY 1, 2018

**SECTION 1 – GENERAL INFORMATION**

**MANUFACTURER'S NAME:** HYLOMAR LTD

**TRADE NAME & SYNONYMS:** HYLOMAR ADVANCED FORMULATION (SOLVENT FREE) AND ADVANCED FORMULATION HV

**USES:** Non-Setting and Non-Hardening Gasketing Compound

**SHELF LIFE:** 3 YEARS

**SECTION 2 – HAZARDS IDENTIFICATION**

**PHYSICAL STATE:** Liquid  
**APPEARANCE:** Blue paste  
**EMERGENCY OVERVIEW:** Health injuries are not known or expected under normal use  
**OSHA REGULATORY STATUS:** This product is not hazardous according to OSHA 29CFR 1910.1200  
**POTENTIAL HEALTH EFFECTS:**  
**ROUTES OF EXPOSURE:** Eye contact. Skin contact. Ingestion  
**EYES:** Direct contact with eyes may cause temporary irritation  
**SKIN:** Health injuries are not known or expected under normal use  
**INHALATION:** Health injuries are not known or expected under normal use  
**INGESTION:** Ingestion may cause irritation and malaise.  
**SIGNS AND SYMPTOMS:** Direct contact with eyes may cause temporary irritation  
**POTENTIAL EFFECTS (ENVIRONMENTAL):** Not expected to be harmful to aquatic organisms

**SECTION 3 – COMPOSITION**

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200

**SECTION 4 – FIRST AID**

**FIRST AID PROCEDURES**

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention immediately.

**SKIN CONTACT:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**INHALATION:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**INGESTION:** Rinse mouth. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

**NOTES TO PHYSICIAN:** Provide general supportive measures and treat symptomatically.

**GENERAL ADVICE:** If you feel unwell, seek medical advice (show label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

**SECTION 5 – FIREFIGHTING MEASURES**

**FLAMMABLE PROPERTIES:** This product is not flammable

**EXTINGUISHING MEDIA**

**SUITABLE**

**EXTINGUISHING MEDIA:** Water spray, foam, dry powder or carbon dioxide.

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**SECTION 5 – FIREFIGHTING MEASURES (CONT)**

Do not use water jet as an extinguisher as this will spread the fire.

**PROTECTION OF FIREFIGHTERS**

**SPECIFIC HAZARDS ARISING**

**FROM THE CHEMICAL:** By heating and fire toxic vapors/gases may be formed

**PROTECTIVE EQUIPMENT AND PRECAUTIONS:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace

**FIRE FIGHTING**

**EQUIPMENT AND INSTRUCTIONS:** Cool containers exposed to heat with water spray and remove container if no risk is involved. Prevent runoff from fire control or dilution for entering streams, sewers or drinking water supply

**HAZARDOUS COMBUSTION PRODUCTS:**

Hydrogen cyanide. Carbon monoxide and carbon dioxide

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Avoid contact with skin and eyes. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear protective clothing as described in Section 8 of this SDS

**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not discharge into drains, water courses or onto the ground

**METHODS FOR CLEAN UP:** Scrape up the spilled material. Transfer to a container for disposal. Following product recovery, flush area with water. For waste disposal see Section 13 of this SDS

**OTHER INFORMATION:** Clean up in accordance with all applicable regulations

**SECTION 7 – HANDLING AND STORAGE**

**SAFE HANDLING** Keep away from sources of ignition – NO SMOKING. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid prolonged exposure. Wash thoroughly after handling. Wash contaminated clothing before reuse. Observe good hygiene practices. Avoid release to the environment. Avoid contact with skin and eyes.

**STORAGE** Keep container tightly closed in a cool well-ventilated place. Keep away from spark, open flames and other sources of ignition. Store away from incompatible materials in a cool, dark place at temperatures between 5°C(41°F) and 35°C(95°F).

**SPECIFIC END USE(s)** Non-Setting and Non-Hardening Gasketing Compound

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**SECTION 8 – PERSONAL PROTECTION****OCCUPATIONAL EXPOSURE****LIMITS:** No exposure limits noted for the ingredient(s)**EXPOSURE GUIDELINES:** Follow standard monitoring procedures**ENGINEERING CONTROLS:** Provide adequate ventilation**PERSONAL PROTECTIVE EQUIPMENT****EYE / FACE PROTECTION:** If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.**SKIN PROTECTION:** Wear protective gloves. PVC or rubber gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier. Normal work clothing (long sleeved shirts and long pants) is recommended**RESPIRATORY PROTECTION:** Under normal conditions, respirator is not normally required. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134**GENERAL HYGIENE:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE</b>	Blue Paste	<b>PHYSICAL STATE</b>	Liquid
<b>FORM</b>	Paste	<b>COLOR</b>	Blue
<b>ODOR</b>	Almost odorless	<b>ODOR THRESHOLD</b>	Not available
<b>pH</b>	Not available	<b>VAPOR PRESSURE</b>	Not available
<b>VAPOR DENSITY</b>	2(Air=1) (20°C/68°F)	<b>BOILING POINT</b>	Not available
<b>MELTING POINT</b>		<b>SOLUBILITY(WATER)</b>	Not miscible
<b>FREEZING POINT</b>	Not available	<b>FLASH POINT</b>	>737.6°F(>392.0°C)
<b>SPECIFIC GRAVITY</b>	1.18(20°C/68°F)		Not available
<b>FLAMMABILITY LIMITS IN AIR, UPPER, % BY VOLUME</b>			Not available
<b>FLAMMABILITY LIMITS IN AIR, LOWER % BY VOLUME</b>			Not available
<b>AUTO-IGNITION</b>		<b>VOC</b>	0
<b>TEMPERATURE</b>	Not available		
	(Hylomar test method 1.1a determination of volatile matter)		
<b>VISCOSITY</b>	275000 cP (Hylomar Advanced Formulation) (25° C/77°F)		
	1000000 cP (Hylomar Advanced Formulation HV) (25°C/77°F)		
	1500000 cP (Hylomar Advanced Formulation HV) (25°C/77°F)		
<b>OTHER DATA</b>			
<b>EXPLOSIVE LIMIT</b>	Not available		
<b>EXPLOSIVE PROPERTIES</b>	Not available		
<b>FLAMMABILITY</b>	Not available		
	(solid, gas)		
<b>OXIDIZING PROPERTIES</b>	Not available		

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**SECTION 10 - STABILITY AND REACTIVITY**

<b>CHEMICAL STABILITY:</b>	Material is stable under normal conditions
<b>CONDITIONS TO AVOID:</b>	Heat, flames and sparks. Avoid temperatures exceeding the flash point
<b>INCOMPATIBLE MATERIALS:</b>	Strong oxidizing agents. Strong alkalis
<b>HAZARDOUS DECOMPOSITION:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Hydrogen cyanide. Carbon monoxide. Carbon dioxide
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reaction known under conditions of normal use

**SECTION 11 – TOXICOLOGICAL INFORMATION**

<b>SENSITIZATION:</b>	Not available
<b>ACUTE EFFECTS:</b>	May cause discomfort if swallowed
<b>LOCAL EFFECTS:</b>	Direct contact with eyes may cause temporary irritation
<b>CARCINOGENICITY:</b>	Not classified
<b>MUTAGENICITY:</b>	Not classified
<b>REPRODUCTIVE EFFECTS:</b>	Not classified
<b>SYMPTOMS AND TARGET ORGANS:</b>	Direct contact with eyes may cause temporary irritation
<b>FURTHER INFORMATION:</b>	No other specific acute or chronic health impact noted

**SECTION 12 – ECOLOGICAL INFORMATION**

<b>ECOTOXICITY:</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful effect on the environment
<b>ENVIRONMENTAL EFFECTS:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal
<b>PERSISTENCE AND DEGRADABILITY:</b>	Not available
<b>BIOACCUMULATION / ACCUMULATION:</b>	Not available
<b>MOBILITY IN ENVIRONMENTAL MEDIA:</b>	The product is insoluble in water

**SECTION 13 - DISPOSAL**

<b>WASTE CODES:</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company
<b>DISPOSAL INSTRUCTIONS:</b>	Do not discharge into drains, water courses or onto the ground. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations
<b>WASTE FROM RESIDUES / UNUSED PRODUCTS:</b>	Do not discharge into rivers, lakes, mountains, etc. because the product may affect the environment
<b>CONTAMINATED PACKAGING:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14 - TRANSPORTATION**

**DOT**

Not regulated as a hazardous material by DOT

**IATA**

Not regulated as dangerous goods

**IMDG**

Not regulated as dangerous goods

**TDG**

Not regulated as dangerous goods

**SECTION 15 – REGULATORY INFORMATION**

**US FEDERAL REGULATIONS**

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200

**TSCA SECTION 12(b) EXPORT NOTIFICATION (40 CFR 707, SUBPT. D)**

Not regulated

**CLEAN AIR ACT (CAA) SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPs) LIST**

Not regulated

**CERCLA (SUPERFUND) REPORTABLE QUANTITY (lbs) (40 CFR 302.4)**

None

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA)**

**HAZARD CATEGORIES** Immediate Hazard – No  
Delayed Hazard – No  
Fire Hazard – No  
Pressure Hazard – No  
Reactivity Hazard – No

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (40 CFR 355, APPENDIX A)**

No

**SARA 311/312 HAZARDOUS CHEMICAL**

No

**DRUG ENFORCEMENT ADMINISTRATION (DEA) (21 CFR 1308.11-15)**

Not controlled

**CANADIAN REGULATIONS**

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR

**WHMIS STATUS**

Non-controlled

**INVENTORY STATUS**

**COUNTRY(S) OR REGION**  
AUSTRALIA  
CANADA  
CANADA  
CHINA

**INVENTORY NAME**  
Australian Inventory of Chemical Substances (AICS) - Yes  
Domestic Substances List (DSL) - Yes  
Non-Domestic Substances List (NDSL) - No  
Inventory of Existing Chemical Substances in China (IECSC) - Yes

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**SECTION 15 – REGULATORY INFORMATION (CONT)**

<b>EUROPE</b>	European Inventory of Existing Commercial Chemical Substances - Yes
<b>EUROPE</b>	European List of Notified Chemical Substances (ELINCS) - No
<b>JAPAN</b>	Inventory of Existing and New Chemical Substances (ENCS) - Yes
<b>KOREA</b>	Existing Chemicals List (ECL) - Yes
<b>NEW ZEALAND</b>	New Zealand Inventory - Yes
<b>PHILIPINES</b>	Philippine Inventory of Chemicals and Chemical Substances (PICCS) - Yes
<b>UNITED STATES &amp; PUERTO RICO</b>	Toxic Substances Control Act (TSCA) Inventory – Yes

A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s)

A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s),

**STATE REGULATIONS** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US – CALIFORNIA PROPOSITION 65 – CARCINOGENS & REPRODUCTIVE TOXICITY (CRT): LISTED SUBSTANCE**

Not listed

**US – MASSACHUSETTS RTK – SUBSTANCE LIST**

Not regulated

**US – NEW JERSEY WORKER AND COMMUNITY RIGHT-TO-KNOW ACT**

Not listed

**US – PENNSYLVANIA WORKER AND COMMUNITY RIGHT-TO-KNOW LAW**

Not listed

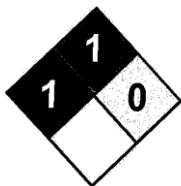
**MEXICO REGULATIONS** This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000)

**SECTION 16 – OTHER INFORMATION**

**RECOMMENDED USE** Non-Setting and Non-Hardening Gasketing Compound

**HMIS® RATINGS**

Health:	1
Flammability:	1
Physical Hazard	0



**NFPA RATINGS**

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.