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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: HYLOMAR HIGH TEMP GASKET DRESSING 5 OZ AE
Item No: 81998
Product Type: Aerosol Adhesive/Sealant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
DICHLOROMETHANE 75-09-2	70-80	50 ppm TWA; 174 mg/m ³ TWA	25 ppm TWA; 125 ppm STEL (15 min. TWA)
PROPANE 74-98-6	5-15	simple asphyxiant; 2500 ppm TWA	1000 ppm TWA; 1800 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: Moderately toxic by ingestion and inhalation. May cause eye and skin irritation. Methylene chloride will have an effect on the cardiovascular system. Inhalation of high concentrations of Methylene chloride over long periods of time has caused cancer in laboratory animals. Aspiration hazard if swallowed. Deliberately concentrating and inhaling the vapor may be harmful or fatal. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Breathing: Symptoms are typically seen at air concentrations exceeding the recommended exposure limits. Symptoms may include nasal and respiratory irritation, central nervous system (CNS) depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, possible unconsciousness, coma and even death). May cause skin irritation. Overexposure may cause eye and skin redness, difficulty breathing and vomiting. Swallowing: This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Aspiration into the lungs can cause chemical pneumonia which can be fatal.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
DICHLOROMETHANE 75-09-2	70-80	Group 2: Suspect Carcinogen	A3 - Animal Carcinogen	Group 2B: Monograph 41, Supplement 7, Monograph 71; 1998

Medical Conditions Recognized as Being Aggravated by Exposure: Cardiovascular problems may be aggravated by overexposure to methylene chloride.

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): Less than 0 degrees F. Based on propellant
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
 Carbon dioxide, Carbon monoxide, Hydrogen chloride.

Hazardous Products Formed by Fire or Thermal Decomposition:

Unusual Fire/Explosion Hazards: Contents under pressure. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers. Do not puncture or incinerate container.

Lower Explosive Limit: 2.4
Upper Explosive Limit: 9.5

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Use an NIOSH-approved respirator where occupational exposure limits may be exceeded.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Exposure to high temperatures may cause container to burst.

Handling: Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Do not puncture or incinerate container. Do not use near heat, sparks or open flame. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Use in a well ventilated area to prevent irritation by vapors. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses with side shields.

Skin: Neoprene or nitrile gloves recommended.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.

Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: IRRITATING
Boiling Point (°F): <0 to 105 degrees F.
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 1.09
VOC Content(Wt.%): 12.0% by weight
Vapor Pressure: Not Determined
Vapor Density (Air=1): Heavier than air
Evaporation Rate: Faster than ether

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Active metals.
Conditions to Avoid: Keep away from heat, sparks and open flame.
Hazardous Products Formed by Fire or Thermal Decomposition: Carbon dioxide, Carbon monoxide, Hydrogen chloride.

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Disposal should be made in accordance with federal, state and local regulations.

US EPA Waste Number: D001/F002 - Hazardous waste per 40CFR 261.21 and 261.31 (Methylene Chloride)

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Aerosols, flammable, containing substances in Division 6.1, Packing Group III
Class or Division: Division 2.1, Subsidiary Risk 6.1
UN/NA Number: UN 1950

IMDG

Proper Shipping: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN Number: UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

SARA 313 Information

DICHLOROMETHANE

CALIFORNIA PROP 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 3, FLAMMABILITY 4, REACTIVITY 1

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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