

# HOBECA

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **HYLOMAR UNIVERSAL BLUE**  
Product Use: Gasket Sealant  
Restriction of Use: Refer to Section 15

New Zealand Supplier: Hobeca Trading Co Ltd  
Address: 25 Andrew Baxter Drive  
Auckland, 2022  
New Zealand

Telephone: +64 9 249 0499  
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 19 September 2024

### Section 2. Hazards Identification

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020**

**EPA Approval No: Surface Coatings and Colourants (Carcinogenic)– HSR002679**

**Pictograms:**



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Carcinogenicity Cat. 2	H351	Suspected of causing cancer.
specific target organ toxicity - single exposure Cat 3 - Narcotic Effects	H336	May cause drowsiness or dizziness.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing fumes, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective clothing as detailed in SDS Section 8.

Response Code	Response Statement
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P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.

Storage Code	Storage Statement
None allocated	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

Disposal Code	Disposal Statement
P501	Refer to Section 13 for details.

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Dichloromethane	50 - 70	75-09-2

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on Skin	Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
If Swallowed	Wash out mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if needed.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

#### Most important symptoms and effects, both acute and delayed

##### Symptoms:

Swallowed:	Not applicable.
Inhaled:	May cause drowsiness or dizziness.
Skin:	Causes skin irritation.
Eyes:	Causes serious eye irritation.
Chronic:	Suspected of causing cancer.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non Flammable
<b>Hazards from decomposition products</b>	Carbon monoxide. Carbon dioxide. May liberate toxic gases.
<b>Suitable Extinguishing media</b>	Foam. Dry powder. Carbon dioxide. Water spray. Sand. Do not use a heavy water stream.

<b>Precautions for firefighters and special protective clothing</b>	Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
<b>HAZCHEM CODE</b>	<b>2X</b>

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

Wear protective protection as detailed in Section 8. Evacuate unnecessary personnel. Avoid breathing fumes, vapours or spray. Ventilate area.

### Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### Methods and material for containment and cleaning up

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Dispose as per Section 13.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read carefully and follow all instructions.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid breathing fumes, mist, vapours or spray.
- Use only outdoors or in a well-ventilated area.
- Wear protective clothing as detailed in SDS Section 8.
- Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- Provide good ventilation in process area to prevent formation of vapour.

### Precautions for Storage:

- Store locked up.
- Store in a well-ventilated place and away from sources of ignition.
- Keep only in the original container and tightly closed.
- Store away from strong bases and strong acids.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	Cas No	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Dichloromethane (Methylene chloride) [75-09-2]		50	174	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2023 14TH EDITION.

### Engineering Controls

Ensure adequate ventilation.

### Personal Protection Equipment:



<b>Eyes</b>	Chemical goggles or safety glasses.
<b>Hands and Body</b>	Wear protective gloves against chemicals (EN 374). Wear suitable protective clothing.
<b>Respiratory</b>	In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A filter or better.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Blue gel
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable
<b>Upper and Lower Exposure Limits</b>	Not available
<b>Vapour Pressure</b>	47 kPa @ 20°C
<b>Relative Vapour Density</b>	2.93 @ 20°C
<b>Relative Density</b>	1.32 @ 20°C
<b>Solubilities</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	600°C
<b>Decomposition Temperature</b>	Not available
<b>VOC content</b>	25 – 65 % (Hylomar Test Method 1.1A Determination of Volatile Matter)
<b>Particle Characteristics</b>	Not available
<b>Viscosity</b>	Not available
<b>Volatility</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under recommended storage and handling conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known under normal conditions of use.
<b>Conditions to Avoid</b>	Direct sunlight. Extremely high or low temperatures.
<b>Incompatible Materials</b>	Strong acids. Strong bases.
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide. May liberate toxic gases.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	May cause drowsiness or dizziness.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation.

**Chronic Effects:**

<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Individual component information:****Acute Toxicity:**

<b>Chemical Name</b>	<b>Oral – LD50</b>	<b>Dermal – LD50</b>	<b>Inhalation – LC50</b>
Dichloromethane	>2000 mg/kg (rat)	>2000mg/kg (Rabbit)	-

**Section 12. Ecotoxicological Information**

This product is not classified as hazardous to the environment.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**Individual component information:**

<b>Chemical Name</b>		
Dichloromethane	LC50 - Fish [1]	135-502 mg/L
	EC50 - Crustacea [1]	135-2270 mg/L

**Section 13. Disposal Considerations****Disposal Method:**

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**Precautions:**

None known.

**Section 14 Transport Information**

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021**

**Road, Rail, Sea and Air Transport**

<b>UN No</b>	2810
<b>Class - Primary</b>	6
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	<b>TOXIC LIQUID, ORGANIC, N.O.S. (Dichloromethane)</b>
<b>Marine Pollutant</b>	No
<b>Special Provisions</b>	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

**Section 15 Regulatory Information****EPA Approval No: Surface Coatings and Colourants (Carcinogenic)– HSR002679**

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	10 000 L
Secondary Containment	10 000 L
Restriction of Use	Only use for the intended purpose.

**Section 16 Other Information****Glossary**

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

**References:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

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Please contact the New Zealand distributor, if further information is required.

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19 September 2029