



GH INTERNATIONAL SEALANTS ULC  
 2540 RENA ROAD  
 MISSISSAUGA, ONTARIO, L4T 3C9  
 CANADA  
 1-905-677-5522

**PRODUCT: EPM-6 ELASTOMERIC PROTECTIVE MEMBRANE WHITE**

**CODE: 5531**

**SECTION 01: IDENTIFICATION**

Supplier identifier..... GH INTERNATIONAL SEALANTS ULC  
 2540 Rena Road  
 Mississauga, ON. L4T 3C9  
 1-905-677-5522

Product identifier..... EPM-6 ELASTOMERIC PROTECTIVE MEMBRANE WHITE  
 Product code..... 5531  
 Product use..... Common roof or wall material coating.  
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666). CHEMTREC 1-800-424-9300.

**SECTION 02: HAZARD IDENTIFICATION**

Hazard classification..... Not a hazardous substance or mixture.  
 Signal word..... None.  
 Hazard statement..... None.  
 Precautionary statements..... None.  
 Other hazards..... None.  
 Comments..... Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Titanium dioxide	13463-67-7	3-3.5
Non-hazardous and other ingredients below reportable level	not available	96.5-97

**SECTION 04: FIRST-AID MEASURES**

Routes of exposure

Inhalation..... No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Skin contact..... Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.

Eye contact..... Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists, consult a physician.

Most important symptoms and effects, both acute and delayed . The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Medical attention and special treatment..... If you feel unwell, seek medical attention. If possible, show this SDS to doctor in attendance. No hazards which require special first aid measures.

**SECTION 05: FIRE-FIGHTING MEASURES**

Extinguishing media..... Not flammable. Use an extinguishing agent suitable for the surrounding fire.

Hazardous combustion products..... Carbon monoxide, carbon dioxide, hydrocarbons, metal oxides.

Special protective equipment and precautions Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Material can be slippery when wet.

Sensitivity to static discharge..... Product is not sensitive to static discharge.

Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.

Further information..... Product will not burn as supplied. Dried film may burn if subject to source of ignition.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures Use personal protective clothing.

Environmental precautions..... Do not allow material to contaminate ground water system. . If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into container. Dispose of absorbed material in accordance with regulations.

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**SECTION 07: HANDLING AND STORAGE**

Handling precautions..... Wear appropriate personal protective equipment. Keep container closed when not in use.  
 Storage needs..... Keep containers from excessive heat and freezing. Keep containers tightly closed when not in use.  
 Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
		STEL			STEL			
Titanium dioxide	10 mg/m3		not available	15 mg/m3		not available		not available
Non-hazardous and other ingredients below reportable level	not available		not available	not available		not available		not available
Engineering controls.....	No special ventilation requirements.							
Individual protection measures								
Eye/type.....	None required under normal conditions of use.							
Clothing/type.....	No special protective clothing is required under normal use conditions.							
Gloves/ type.....	None required under normal conditions of use. . For prolonged exposure, use butyl rubber gloves.							
Respiratory/type.....	Under normal use conditions, with adequate ventilation, no special handling equipment is required.							
Hygiene measures.....	Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke during work. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.							

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance..... paste.  
 Color..... white.  
 Odour..... mild.  
 Odour threshold..... no data available.  
 pH..... 7-9.  
 Melting point (°C)..... no data available.  
 Freezing point (°C)..... 0.  
 Initial boiling point (°C)..... 100.  
 Flash point (°C), Method..... >94 CC.  
 Evaporation rate..... no data available.  
 Upper flammability limit (% vol)..... no data available.  
 Lower flammability limit (% vol)..... no data available.  
 Vapour pressure (mm Hg)..... 17.5.  
 Vapour density (air=1)..... > 1.  
 Relative density/Specific Gravity..... 1.40-1.44.  
 Water solubility..... dispersible.  
 Solubility in other solvents..... no data available.  
 Partition coefficient — n-octanol/water..... no data available.  
 Auto ignition temperature (°C)..... no data available.  
 Thermal decomposition temperature..... no data available.  
 Viscosity..... no data available.  
 % volatile by volume:..... 28-32.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity..... No hazardous reactions if stored and handled as prescribed/indicated.  
 Chemical stability..... The product is stable if stored and handled as prescribed/indicated.  
 Possibility of hazardous reactions..... No hazardous reactions when stored and handled according to instructions. The product is chemically stable.  
 Conditions to avoid..... Keep away from incompatibles such as oxidizing agents .  
 Incompatible materials..... Acids and bases. Strong oxidizing agents.  
 Hazardous decomposition products..... No hazardous decomposition products if stored and handled as prescribed/indicated. Toxic gases/fumes may be given off during burning or thermal decomposition.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Titanium dioxide	not available	> 10,000 mg/kg (oral-rat)
Non-hazardous and other ingredients below reportable level	not available	not available
Routes of exposure		
Inhalation.....	None expected under normal use.	
Ingestion.....	May cause irritation of the stomach.	
Skin contact.....	Contact may cause skin irritation.	
Eye contact.....	Contact may cause eyes irritation.	
Acute effects		
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	At room temperature, exposure to vapor is minimal due to low volatility.	
Skin corrosion/irritation.....	Non-irritant.	
Serious eye damage/eye irritation.....	Result: Mild eye irritation.	
Respiratory or skin sensitisation.....	Non-sensitizing.	
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.	
Aspiration hazard.....	No aspiration hazard expected.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.	
Carcinogenicity.....	Titanium dioxide is listed as IARC Group 2B (possibly carcinogenic to humans).	
Reproductive toxicity.....	No known significant effects or critical hazards.	
Germ cell mutagenicity.....	No known significant effects or critical hazards.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components. Fillers are encapsulated and not expected to be released from product under normal conditions of use.	

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	Not expected to be harmful to aquatic organisms.
Persistence and degradability.....	The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal methods.....	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
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**SECTION 14: TRANSPORT INFORMATION**

TDG classification.....	Not regulated as a dangerous good.
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**SECTION 15: REGULATORY INFORMATION**

WHMIS regulatory status.....	This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). Not WHMIS 2015 controlled.
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**SECTION 16: OTHER INFORMATION**

Disclaimer.....	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.
Prepared by: .....	CanChem Consultant
Preparation date.....	DEC 22/2016