

EPOXYSEAL I766 (Part A)

Material Safety Data Sheet

I. Identification	
Product name	Epoxyseal I766 Low Viscosity Epoxy Injection Grout (Part A)
Chemical family	Polymer, epoxide
Name of contact	Benson Yau
Brand principal address	Master Proofer Company Ltd. 139A Hung Uk Tsuen, Ping Shan, Yuen Long, N.T., H.K.
OEM correspondence address	1010-3 Ho, Indeokwon IT Valley D Dong, 653, Poil-Dong, Uliwang City, Gyeong Gi Do, Korea
Emergency telephone number	(+852) 2609 2300

II. Ingredients			
Ingredients	CAS number	OSHA PEL	Contents (%)
Polymer resin	Trade Secret	-	80 - 100

III. Physical data			
Boiling point (°C)	> 150	Vapour pressure (mmHG)	N/A
Melting point (°C)	N/A	Specific gravity (20°C)	1.11 ± 0.02
Ignition point (°C)	N/A	Volatile material (wt %)	< 6
Viscosity (25°C, cps)	300 – 600	pH	N/A
Solubility	Insoluble in water.		
Appearance & odour	Yellowish liquid. Slight odour.		
VOC content	N/A		

IV. Fire & explosion hazard data	
Flash point (°C)	> 150
Extinguishing media	Carbon dioxide, foam, dry powder.
Special firefighting procedures	Avoid breathing fire vapours. Wear self-contained breathing apparatus. Wear full protective clothing.
Explosion hazard	N/A

V. Health hazard data	
<u>Acute effects</u>	
Eye	Cause eye irritation.
Skin	Cause skin irritation.
Inhalation	Cause respiratory irritation. May cause headaches, dizziness, anaesthesia and drowsiness.
Ingestion	Cause gastrointestinal irritation. May cause stomach pain or vomiting.
<u>Chronic effects</u>	
Eye	Repeated contact with eyes may cause damage to the eyes.
Skin	Repeated contact with skin may cause severe irritation, sensitization or allergic reaction.

Inhalation	Prolonged inhalation may affect the central nervous system.
Ingestion	Repeated ingestion may cause poisoning.
Emergency & first aid procedures	
Eye	Flush with copious amount of water for at least 15 minutes. If irritation develops, seek medical attention.
Skin	Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.
Inhalation	Remove the affected individual into fresh air and keep the person clam. Assist in breathing if necessary. Consult doctor if effects persist.
Ingestion	Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

VI. Reactivity data	
Stability	Stable at normal temperature and pressure conditions.
Reactivity	N/A
Condition to avoid	Avoid heat, flames and other sources of ignition.
Incompatibility	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous combustion or decomposition product	Toxic fumes may be generated in fire.
Hazardous polymerization	Will not occur.

VII. Spill or leak procedures	
Steps to be taken if material is spilled or released	Absorb spillage with inert absorbent. Collect into suitable containers.
Waste disposal method	Dispose of absorbed material in accordance with regulations.

VIII. Special protection information	
Ventilation	Use general dilution ventilation and/or local exhaust ventilation.
Respiratory protection	Use respiratory protection equipment if ventilation is not adequate.
Protection gloves	Wear approved chemical resistant gloves that may protect hands from direct contact with chemical.
Eye protection	Wear approved chemical safety glasses or goggles.
Other protective equipment	Wear approved chemical resistant cloths.

IX. Special precaution	
Handling	Avoid breathing vapours. Avoid contact with skin and eyes.
Storage	Keep away from heat. Store in a well-ventilated place. Keep container tightly closed.
Other precautions	Do not eat, drink or smoke when using this product.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety legislation. The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Certified by

Benson Yau.
Quality Representative

Date: May 2021

Digital print out; signature is not required

The Brand and Interest of above product is owned by
Master Proofer Company Ltd.

No. 139A, Hung Uk Tsuen, Ping Shan, Yuen Long, N.T, HK

Tel: (852) 2609 2300 Fax: (852) 2609 2309 E-mail Address : master@masterproofer.com

05/2021 Control Reference: MSDS-1766-TCH554.02

Version : 02

Page 2 of 4



EPOXYSEAL I766 (Part B)

Material Safety Data Sheet

I. Identification	
Product name	Epoxyseal I766 Low Viscosity Epoxy Injection Grout (Part B)
Chemical family	Polymer, polyamine
Name of contact	Benson Yau
Brand principal address	Master Proofer Company Ltd. 139A Hung Uk Tsuen, Ping Shan, Yuen Long, N.T., H.K.
OEM correspondence address	1010-3 Ho, Indeokwon IT Valley D Dong, 653, Poil-Dong, Uliwang City, Gyeong Gi Do, Korea
Emergency telephone number	(+852) 2609 2300

II. Ingredients			
Ingredients	CAS number	OSHA PEL	Contents (%)
Polyamine	Trade Secret	-	80 - 100

III. Physical data			
Boiling point (°C)	N/A	Vapour pressure (mmHG)	N/A
Melting point (°C)	N/A	Specific gravity (20°C)	0.97 ± 0.02
Ignition point (°C)	N/A	Volatile material (wt %)	< 6
Viscosity (25°C, cps)	100 – 400	pH	N/A
Solubility	Immiscible in water.		
Appearance & odour	Amber liquid. Ammoniacal odour.		
VOC content	N/A		

IV. Fire & explosion hazard data	
Flash point (°C)	213
Extinguishing media	Carbon dioxide, foam, dry powder.
Special firefighting procedures	Do not use water. Wear self-contained breathing apparatus. Wear full protective clothing.
Explosion hazard	N/A

V. Health hazard data	
<u>Acute effects</u>	
Eye	Cause eye burns.
Skin	Cause skin burns.
Inhalation	Harmful if inhaled and may cause delayed lung injury. Risk of serious damage to the lungs. May cause severe respiratory tract burns.
Ingestion	Cause severe burns of the mouth and throat. May cause perforation of the oesophagus and the stomach.
<u>Chronic effects</u>	
Repeated or prolonged contact causes sensitization, asthma and eczemas. Aggravated medical conditions include asthma, eye disease, skin disorders and allergies.	

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Page 3 of 4



Emergency & first aid procedures	
Eye	Continuously irrigate until patient receives medical care.
Skin	Continuously irrigate until patient receives medical care.
Inhalation	Remove the affected individual into fresh air. If breathing has stopped or is laboured, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
Ingestion	Do not induce vomiting. Prevent aspiration of vomit. Seek medical attention.

VI. Reactivity data	
Stability	Stable at normal temperature and pressure conditions.
Reactivity	Product slowly corrodes copper, aluminium, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
Condition to avoid	Avoid incompatible materials.
Incompatibility	Sodium hypochlorite. Acids. Nitrosating agents. Oxidizing agents.
Hazardous combustion or decomposition product	Nitric acid. Ammonia. Nitrogen oxides. Carbon monoxide. Carbon dioxide. Nitrosamine.
Hazardous polymerization	Will not occur.

VII. Spill or leak procedures	
Steps to be taken if material is spilled or released	Evacuate personnel to safe areas. Construct a dike to prevent spreading. Use self-contained breathing apparatus and suitable protective equipment. Absorb spillage with inert absorbent. Collect into suitable containers.
Waste disposal method	Dispose of absorbed material in accordance with regulations.

VIII. Special protection information	
Ventilation	Provide adequate ventilation to ensure concentrations are kept below exposure limits.
Respiratory protection	Wear appropriate respirator when ventilation is inadequate.
Protection gloves	Wear approved chemical resistant gloves that may protect hands from direct contact with chemical.
Eye protection	Wear approved chemical safety glasses or goggles.
Other protective equipment	Wear chemical resistant apron.

IX. Special precaution	
Handling	Avoid breathing vapours. Avoid contact with skin and eyes. Use only in well-ventilated areas. Use personal protective equipment.
Storage	Store in a dry and well ventilated area. Do not store near acids. Do not store in reactive metal containers. Keep containers tightly closed.
Other precautions	Always wash hand after handling.

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