

MPSeal I301

Material Safety Data Sheet

I. Identification	
Product name	MPSeal I301 Flexible Low Viscosity Polyurethane Injection Resin
Chemical family	Polymer, polyurethane
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 (%)
Toluene diisocyanate	26471-62-5	-	1 – 5
Toluene 2,4-diisocyanate	584-84-9	0.14 mg/m ³ (Ceiling)	1 – 5
Toluene 2,6-diisocyanate	91-08-7	-	< 1

III. Physical data			
Boiling point (°C)	N/A	Vapour pressure (mmHG)	N/A
Melting point (°C)	< 10	Specific gravity (20°C)	1.00 – 1.1520
Ignition point (°C)	N/A	Volatile material (wt %)	N/A
Viscosity (25°C, cps)	450 – 600	pH	N/A
Solubility	N/A		
Appearance & odour	Yellowish liquid. Straw odour.		
VOC content	N/A		

IV. Fire & explosion hazard data	
Flash point (°C)	> 177
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	Toxic by inhalation.
Ingestion	Cause gastrointestinal irritation.
<u>Chronic effects</u>	
Eye	Repeated contact with eyes may cause damage to the eyes.

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

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Skin	Repeated contact with skin may cause severe irritation, sensitization or allergic reaction.
Inhalation	Prolonged inhalation may cause poisoning.
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. Immediate medical attention required.
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 and corrosive vapours may be formed when heated.
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: April 2021

Digital print out; signature is not required

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