

Masterfoam S333

Material Safety Data Sheet

I. Identification	
Product name	Masterfoam S333 Expanding Polyurethane Foam Sealant
Chemical family	Polymer, polyurethane, sealant
Name of contact	Benson Yau
Product principal address	Master Proofer Company Ltd. 139A Hung Uk Tsuen, Ping Shan, Yuen Long, N.T., H.K.
OEM address	Room 401B, 4/F, Yin Xiang Da Sha, 613 Guang Yuan Zhong Lu, Guang Zhou
Country of origin	China
Emergency telephone number	(+852) 2609 2300

II. Ingredients			
Ingredients	CAS number	OSHA PEL	Contents (%)
Polymethylene polyphenyl isocyanate	9016-87-9	-	> 45
Dimethyl ether	115-10-6	-	< 10
Butane	106-97-8	-	< 15

III. Physical data			
Boiling point (°C)	N/A	Vapour pressure (mmHG)	3750 (20°C)
Melting point (°C)	N/A	Specific gravity (20°C)	~ 1.17
Ignition point (°C)	N/A	Volatile material (wt %)	N/A
Viscosity (25°C, cps)	N/A	pH	N/A
Solubility	Insoluble with water.		
Appearance & odour	Yellow foam. Amine smell.		
VOC content	N/A		

IV. Fire & explosion hazard data	
Flash point (°C)	N/A
Extinguishing media	Foam, carbon dioxide, dry sand
Special firefighting procedures	Wear self-contained breathing apparatus.
Explosion hazard	Containers may explode when heated.

V. Health hazard data	
Acute effects	
Eye	Cause severe eye irritation.
Skin	Cause moderate skin irritation.
Inhalation	Cause respiratory tract irritation. May cause asthma.
Ingestion	Cause gastrointestinal irritation.
Chronic effects	
Eye	Repeated contact may cause damages to the eyes.
Skin	Repeated contact may cause severe irritation or allergic reaction.

Inhalation	Prolonged inhalation may cause lung damages.
Ingestion	Repeated ingestion may cause damages to central nervous system.
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 area with copious amount of water for at least 15 minutes. If irritation develops, seek medical attention.
Inhalation	Remove the affected individual into fresh air and keep the person clam. Assist in breathing if necessary. If respiratory symptoms develop, seek medical attention.
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	Wear proper protective equipment. Eliminate any possible sources of ignition. Cover with inert absorbent, place in approved drum.
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	If ventilation is not adequate, use respiratory protection equipment.
Protection gloves	Wear approved chemical resistant gloves.
Eye protection	Wear approved chemical safety glasses or goggles.
Other protective equipment	Wear approved chemical resistant cloths.

IX. Special precaution	
Handling	Avoid skin or eye contact. Avoid breathing vapour.
Storage	Store in a cool and well-ventilated place. Keep container tightly closed. Store away from oxidizing agents.
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.

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Page 2 of 2

