

StepGuard F222p

Material Safety Data Sheet

I. Identification	
Product name	StepGuard F222p Anti-Slip Treatment Agent for Flooring
Chemical family	Inorganic acid
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	266 Wildcat Road, Toronto, ON M3J 2N5 CA
Country of origin	Canada
Emergency telephone number	(+852) 2609 2300

II. Ingredients			
Ingredients	CAS number	OSHA PEL	Contents (%)
Ammonium bifluoride	1341-49-7	2.5 mg/m ³ (TWA)	1 - 5
Phosphoric acid	7664-38-2	1 mg/m ³ (TWA)	1 - 5

III. Physical data			
Boiling point (°C)	100	Vapour pressure (mmHG)	N/A
Melting point (°C)	0	Specific gravity (20°C)	1.065
Ignition point (°C)	N/A	Volatile material (wt %)	N/A
Viscosity (25°C, cps)	N/A	pH	3.5
Solubility	Soluble in water.		
Appearance & odour	Colourless liquid. Mild acidic odour.		
VOC content	N/A		

IV. Fire & explosion hazard data	
Flash point (°C)	N/A
Extinguishing media	Not flammable. Use suitable agent for adjacent fires.
Special firefighting procedures	Keep containers cool by water spray. Use self-contained breathing apparatus.
Explosion hazard	N/A

V. Health hazard data	
<u>Acute effects</u>	
Eye	Cause chemical burns. May cause blindness.
Skin	Cause chemical burns.
Inhalation	Cause respiratory tract irritation.
Ingestion	Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.
<u>Chronic effects</u>	
Repeated exposure may produce an embrittlement and densification of bones, and an increased calcification of ligaments and vertebrae resulting in spinal stiffness.	

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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Emergency & first aid procedures	
Eye	Flush with copious amount of water for at least 15 minutes. Obtain medical attention immediately.
Skin	Flush with copious amount of water for at least 15 minutes and remove contaminated clothing and shoes. Obtain medical advice immediately.
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	Reacts vigorously with alkaline material. Reacts with most metals. Reaction may generate toxic and corrosive hydrogen fluoride gas, flammable and potentially explosive hydrogen gas.
Condition to avoid	Do not mix with other chemicals.
Incompatibility	Alkaline material and most metals.
Hazardous combustion or decomposition product	Hydrogen fluoride, nitrogen oxides, ammonia.
Hazardous polymerization	Will not occur.

VII. Spill or leak procedures	
Steps to be taken if material is spilled or released	Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste disposal method	Dispose in accordance with regulations.

VIII. Special protection information	
Ventilation	Use general dilution ventilation and/or local exhaust ventilation.
Respiratory protection	Wear approved respiratory protector if ventilation is not adequate.
Protection gloves	Wear approved chemical resistant gloves. Neoprene or nitrile rubber gloves are recommended.
Eye protection	Wear approved chemical safety glasses or goggles.
Other protective equipment	Wear approved chemical resistant cloths.

IX. Special precaution	
Handling	Do not get in eyes, on skin or on clothing. Avoid breathing vapours or mists of this product. Wash thoroughly after handling.
Storage	Store in a cool closet and away from incompatible materials. Keep out of the reach of children.
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

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