

FloorGuard F701

Material Safety Data Sheet

I. Identification	
Product name	FloorGuard F701 Liquid Chemical Case Hardener, Dustproofer for Concrete and Terrazzo Floors
Chemical family	Fluorosilicate
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	Unit 1, The Bridge Business Centre, Ash Road South, Wrexham Industrial Estate, Wrexham. LL 13 9UG
Country of origin	UK
Emergency telephone number	(+852) 2609 2300

II. Ingredients			
Ingredients	CAS number	OSHA PEL	Contents (%)
Magnesium hexafluorosilicate	16949-65-8	Fluoride:2.5 mg/m ³ (TWA)	10 – 15
Sulfuric acid	7664-93-9	1 mg/m ³ (TWA)	0.3 – 1

III. Physical data			
Boiling point (°C)	~ 100	Vapour pressure (mmHG)	17.55
Melting point (°C)	N/A	Specific gravity (20°C)	1.12
Ignition point (°C)	N/A	Volatile material (wt %)	N/A
Viscosity (25°C, cps)	N/A	pH	~ 2.4
Solubility	Miscible with water.		
Appearance & odour	Colourless liquid. Characteristic odour.		
VOC content	N/A		

IV. Fire & explosion hazard data	
Flash point (°C)	> 100
Extinguishing media	Carbon dioxide, foam, dry powder.
Special firefighting procedures	Wear protective clothing and self-contained breathing apparatus.
Explosion hazard	N/A

V. Health hazard data	
<u>Acute effects</u>	
Eye	May cause chemical burns.
Skin	May cause chemical burns.
Inhalation	Toxic by inhalation. May cause chemical burns to respiratory tract.
Ingestion	Toxic 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.

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	No hazardous reactions if stored and handled as prescribed/indicated.
Condition to avoid	Do not mix with other chemicals.
Incompatibility	Strong acids, bases, oxidizing agent or reducing agents.
Hazardous combustion or decomposition product	Hydrogen fluoride, sulfur dioxide.
Hazardous polymerization	Will not occur.

VII. Spill or leak procedures

Steps to be taken if material is spilled or released	Wear protective equipment. Do not breathe vapour/aerosol/spray mists. Small spills may be absorbed with non-reactive absorbent and placed in suitable containers. Prevent large spills from entering sewers or waterways. Pump off large spills into suitable containers.
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

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

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