

MATERIAL SAFETY DATA SHEET

MSDS No:
11003

PYE FLOOR HARDENER NS

Date of Issue : January 2023
Version No. 6

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PYE

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1. Product Identification

Product Name:	PYE FLOOR HARDENER NS
Other Names:	Natural Silica Floor Hardener
Manufacturer's Product Code:	PLFH
Use:	Provide a monolithic, abrasion and impact resistant finish.
UN Number:	Not applicable
Dangerous Goods Class	
And Subsidiary Risk:	Not applicable
Hazchem Code:	Not applicable
Poison Schedule No:	Not scheduled

2. Physical and Chemical Properties

Appearance:	Powder form
Colour:	Light grey
Odour/ Taste:	Not applicable
Solubility (H ₂ O):	Miscible with water
Volatile Component (%Vol):	Not available
Shelf Life:	Min 12 months
Flash Point:	Not applicable
Particle Size:	200 to 325 mesh
PH:	8 to 10
Vapor Density (Air = 1):	Not available
Vapor Pressure (Mm-Hg):	Not applicable

3. Composition/ Information on Ingredients

Components	Cas Number	Proportions
Portland Cement	65997-15-1	NA
Pigments	NA	NA

4. Stability and Reactivity

Stability:	Stable
Incompatibility:	None known
Hazardous Polymerization:	Will not occur

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5. Hazards Identification

Poisons Schedule: None
Risk: None under normal conditions.

6. Toxicology Information

Acute Effects of Overexposure:

Swallowing: None currently known
Skin Absorption: None currently known
Inhalation: None currently known
Skin Contact: None currently known
Eye Contact: None currently known
Chronic Effects of Overexposure: May cause pneumoconiosis due to the lodgment of inhaled dusts in the lung irrespective of the effect.
Other Health Hazards: None currently known

7. Ecology Information

Environmental Toxicity: Not determined
Ecotoxicity Value: Not determined

8. Fire and Explosion Hazard Data

Extinguishing Media: This material is not combustible, use water or extinguishing media appropriate for surrounding fire.
Special Fire Fighting Procedure: Wear appropriate personal protective equipment.
Unusual Fire & Explosion Hazards: None

9. First Aid Measures

Skin: In case of irritation wash with large amounts of water; use soap if available. If irritation persists, seek medical attention.
Eyes: Flush eyes with large amounts of water for 15 minutes or until irritation subside. If irritation persists, get medical attention.
Inhaled: Go to open area with fresh air until coughing and other symptoms subside. Seek medical attention if discomfort persists.
Swallowed: Wash mouth with plenty of water. Drink large amounts of water if ingestion has occurred.

10. Exposure Controls and Personal Protection

Protective Clothing & Eye Protection: Safety goggles and protective gloves.
Respiratory Protection: Wear a fine particle mask at normal conditions.
Ventilation: General (mechanical) room ventilation is expected to be satisfactory.
Other Protection: Eye bath.

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11. Accidental Release Measures

Personal Precautions:	Wear sufficient protective equipment. Isolate spill area, preventing entry by unauthorized persons. Ventilate area of spill if there is excessive airborne dust.
Environmental Precautions:	Minimize entry of material into drainage systems.
Methods for Containment:	Contain spill immediately.
Methods for Clean-Up:	Remove spillage with broom or shovel. Flush area of spill with water to remove final traces.

12. Disposal Considerations

Disposal Methods:	Bury in suitable landfill where permitted or other appropriate guidelines issued under government regulations.
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13. Handling and Storage

Handling:	Keep bag closed when not in use. Wash after handling.
Storage:	Store in dry area. Reseal bag after use.

14. Transport Information

International (Land, Air, Sea)	
Domestic (Land, Air, Sea)	
Proper Shipping Name:	PYE FLOOR HARDENER NS
Information Reported for Product/ Packing:	25kg

15. Regulatory Information

Safety Phrases:	In case of eye contact, rinse immediately with plenty of water. Wear suitable protective clothing, gloves & eye/ face protection.
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16. Other Information

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