FLAG STONE FIX
STONE CARE EXPERTS

ZYAX GROUP

Material Saftey Data Sheet(MSDS)

FS NANO POWER PROTECTOR

SECTION 1: IDENTIFICATION

1.1 GHS Product Identifier

Product name FS Nano Power Protector

1.2 Product Description

High-performance solvent-based protective sealer developed for natural and engineered stone surfaces.

1.3 Recommended use of the chemical and restrictions on use

Surface protection, stain resistance, and water-repellent treatment for absorbent mineral substrates.

1.4 Supplier's details

Name	**ZYAX CHEM PVT. LTD.**
Address	3rd Floor, Kamer Building, 38 Cawasji Patel Street, Fort, Mumbai - 400001, India.
Contact	+91 87792 40420
Email	info@zyax.in
Website	www.zyax.in

SECTION 2: HAZARD IDENTIFICATION

2.1 GHS Classification

- Flammable Liquid – Category 3
- Aspiration Hazard – Category 1
- Target Organ Toxicity (Single Exposure) – Category 2
- Aquatic Chronic Toxicity – Category 4

2.2 Hazard Overview

This product contains flammable solvents and should be handled with appropriate ventilation and protective measures.

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2.3 Hazard Statements

- Flammable liquid and vapour.
- May cause respiratory discomfort if vapours are inhaled excessively.
- Harmful if aspirated into lungs.
- Harmful to aquatic life with long-lasting effects.

2.4 Precautionary Measures

- Keep away from heat and open flames.
- Avoid breathing vapours.
- Use protective gloves and eye protection.
- Store in a cool and ventilated area.
- Keep container tightly sealed when not in use.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

This product is a formulated mixture containing hydrotreated petroleum derivatives and performance additives.

Component	CAS No	Approximate Concentration
Hydrotreated Heavy Naphtha	64742-48-9	25–75%

SECTION 4: FIRST-AID MEASURES

General advice	Move affected individual to fresh air and monitor condition.
If inhaled	If vapours are inhaled, relocate the person to fresh air immediately. Seek medical assistance if symptoms continue.
In case of skin contact	Wash thoroughly using soap and water.
In case of eye contact	Flush eyes with clean water for several minutes. Seek medical advice if irritation persists.
Ingestion	Do not induce vomiting. Rinse mouth and seek immediate medical attention.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

- Dry chemical powder
- Foam
- Carbon dioxide
- Water mist

5.2 Hazardous Combustion Products

Thermal decomposition may release carbon oxides and dense smoke.

5.3 Firefighter Protection

Use self-contained breathing apparatus and chemical-resistant protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Safety
Ensure adequate ventilation and eliminate ignition sources before cleanup.

6.2 Environmental Precautions
Prevent entry into drains, waterways, and soil.

6.3 Spill Cleanup Procedure
Contain spill using absorbent inert material such as sand or silica absorbents. Dispose through approved waste handling systems.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling
Avoid direct skin and eye contact.
Use only in adequately ventilated areas.
Avoid ignition sources during handling.
Prevent excessive vapour accumulation.

7.2 Storage Conditions
Store in original sealed containers in a dry, cool, and ventilated environment.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Measures
Use adequate local exhaust ventilation and maintain standard industrial hygiene procedures.

8.2 Recommended PPE
Eye Protection: Safety goggles.
Hand Protection: Solvent-resistant protective gloves.
Respiratory Protection: Approved respirators where airborne concentrations exceed acceptable limits.
Protective Clothing: Industrial protective workwear recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

Property	Description
Appearance	Slightly cloudy to clear liquid
Colour	Clear
Odour	Solvent / spirit-like
Physical State	Liquid
pH	7 – 8
Flash Point	Above 45°C
Density	0.98 – 1.02
Water Solubility	Insoluble
Auto Ignition Temperature	Approx. 365°C
Flammability	Moderately flammable

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended handling and storage conditions.

Avoid exposure to excessive heat, sparks, and oxidising agents.

Hazardous decomposition may produce carbon oxides during combustion.

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SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects

Skin Contact: May cause irritation upon prolonged exposure.
Eye Contact: May result in temporary irritation.
Inhalation: Excessive vapour inhalation may cause dizziness or respiratory discomfort.
Ingestion: Aspiration hazard if swallowed.

No evidence of carcinogenicity at reportable concentrations.

SECTION 12: ECOLOGICAL INFORMATION

Prevent uncontrolled environmental discharge.

Product components may present harmful effects to aquatic environments if improperly disposed.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product residues and packaging in accordance with local environmental regulations.

Do not dispose into drains or natural water systems.

SECTION 14: TRANSPORT INFORMATION

Transport Parameter	Details
UN Number	3295
Hazard Class	3
Packing Group	III
Shipping Name	Hydrocarbons, Liquid, N.O.S.

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SECTION 15: REGULATORY INFORMATION

This product should be handled in compliance with applicable workplace safety, transportation, and environmental regulations.

Contains petroleum-derived hydrotreated naphtha.

SECTION 16: MISCELLANEOUS INFORMATION

The information contained herein is provided in good faith and is based on current technical knowledge. This document is intended solely as guidance for safe handling, storage, transportation, usage, and disposal of the product.

This MSDS does not constitute a product specification or guarantee of performance.

Prepared for: **ZYAX Chem Pvt. Ltd. www.zyax.in**