FLAG STONE FIX
STONE CARE EXPERTS

ZYAX GROUP

Material Safety Data Sheet(MSDS)

BACK PROTECTOR

SECTION 1: IDENTIFICATION

1.1 GHS Product Identifier

Product name Back Protector

1.2 Other means of Identification

Slightly cloudy to clear liquid

1.3 Recommended use of the chemical and restrictions on use

Protector and sealer for natural and artificial stone

1.4 Supplier's details

Name	Zyax Chem Pvt. Ltd.,
Address	Third Floor, Kamer Building, 38, Cawasji Patel Street, Fort, Mumbai, Maharashtra, 400001, India.
Contact	+91 87792 40420
Email	info@zyax.in
Website	www.flagstonefix.com

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Flammable liquids: Cat 3
Specific target organ toxicity (Single Exposure) : Cat 2
Aspiration hazard: Cat 1
Chronic aquatic toxicity: Cat 4

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

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BACK PROTECTOR

Signal words Danger

Hazard statements
- H226 Flammable liquid and vapour
- H304 May be fatal if swallowed and enters airways
- H371 May cause damage to organs (Refer Section SDS 11)
- H413 May cause long lasting harmful effects to aquatic life

Precautionary statements
1) Prevention
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools. Flammable liquids (chapter 2.6) 1, 2, 3
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe gas/mist/vapours/spray.:
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective cibthing/eye protection/face protection

Response
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P309+P311 If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire: Use Suitable extinguishing media for extinction(Refer Section MSDS 5).

3) Storage
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

4) Disposal
- P501 Dispose of contents/container in accordance with local/regional/national/international regulation

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Product contains the following components with other non-hazardous additions.

Hazardous components

BACK PROTECTOR

Hazardous components

1. Naphtha (petroleum), hydrotreated heavy

Concentration
EC no.
CAS no.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

General advice	Take affected person out into fresh air. Position and transport stably inside position. Remove any soiled clothing.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed todo so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Personal protective equipment for first-aid responders
Basic PPE

4.2 Most important symptoms/effects, acute and delayed

Allergies, sickness, difficulty breathing and coughing.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Unconciousness.

BACK PROTECTOR

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire. Dry Powder

5.2 Specific hazards arising from the chemical

Carbon Oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

6.2 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where vapor is formed. Keep away from sources of ignition - No smoking. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

BACK PROTECTOR

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Appropriate engineering controls
General industrial hygiene practice.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Avoid prolonged exposure to eyes and face.

Skin protection
Avoid prolonged exposure to bare skin.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

Physical state	Liquid
Appearance	Slightly cloudy to clear liquid
Color	Clear
Odor	Spirit-like
Odor threshold	No data available.
pH	7-8
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	No data available.
Flash point	>45
Flammability	Moderately flammable
Lower and upper explosion limit/flammability limit	No data available.
Vapor pressure	No data available.
Relative vapor density	No data available.
Density and/or relative density	0.98-1.02
Solubility	Not soluble in water
Partition coefficient n-octanol/water (log value)	No data available.
Auto-ignition temperature	365
Decomposition temperature	No data available.
Kinematic viscosity	No data available.
Explosive properties	Product is not explosive

BACK PROTECTOR

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity
No data available.

Skin corrosion/irritation
May cause irritation.

Serious eye damage/irritation
May cause irritation.

Respiratory or skin sensitization
May cause irritation.

Germ cell mutagenicity
Based on available data, classification data are not met

BACK PROTECTOR

Carcinogenicity
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
Based on available data, classification data are not met

Specific target organ toxicity (STOT) - single exposure
Based on available data, classification data are not met

Specific target organ toxicity (STOT) - repeated exposure
Based on available data, classification data are not met

Aspiration hazard
Based on available data, classification data are not met

SECTION 12: ECOLOGICAL INFORMATION

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods
Dispose in accordance with local/national regulations.

Product disposal
Offer surplus and non-recyclable solutions to a licensed disposal company.

Packaging disposal
Offer surplus and non-recyclable solutions to a licensed disposal company

Waste treatment
Offer surplus and non-recyclable solutions to a licensed disposal company.

Sewage disposal
Do not dispose in sewage.

BACK PROTECTOR

SECTION 14: TRANSPORT INFORMATION

DOT (US)

UN Number: 3295
Class: 3
Packing Group: III
Proper Shipping Name: Hydrocarbons, Liquid, N.O.S.
Reportable quantity (RQ): 1 litre
Marine pollutant: Not applicable
Poison inhalation hazard: Not applicable

IMDG
UN Number: 3295
Class: 3
Packing Group: III
EMS Number: S-D
Proper Shipping Name: Hydrocarbons, Liquid, N.O.S.

IATA
UN Number: 3295
Class: Not subject to IATA regulations
Packing Group: Not subject to IATA regulations
Proper Shipping Name: Hydrocarbons, Liquid, N.O.S.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

Pennsylvania Right To Know Components
Chemical name: Naphtha (petroleum) hydrotreated heavy
CAS number: 64742-48-9

Canadian Domestic Substances List (DSL)
Chemical name: Naphtha (petroleum) hydrotreated heavy
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