FLAG STONE FIX
STONE CARE EXPERTS

ZYAX GROUP

Material Safety Data Sheet(MSDS)

FS PEELABLE COATING (SOLVENT BASED)

SECTION 1: IDENTIFICATION

1.1 GHS Product Identifier

Product name	FS Peelable Coating: Solvent-Based

1.2 Other means of Identification

Solvent based Peelable / Strippable / Protective Coating.

1.3 Recommended use of the chemical and restrictions on use

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.zyax.in

SECTION 2: HAZARD IDENTIFICATION

GHS Ratings

Flammable liquid	2
Skin corrosive	2
Eye corrosive	2A
Carcinogen	1B
Reproductive toxin	1A
Aspiration hazard	1

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GHS Hazards

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H350	May cause cancer
H360	May damage fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
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, and material handling equipment.
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P264	Wash thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P321	Specific treatment (see first aid section on this label)
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P370+P378	In case of fire: Use dry chemical to extinguish.
P405	Store locked up
P403+P235	Store in a well-ventilated place. Keep cool
P501	Dispose of contents/container accordance with local/state/federal regulations.

Signal Word: Danger



FLAGSTONE FIX
Zyax Chem PVT. LTD.
Third Floor, Kamer Building, 38, Cawasji Patel Street, Fort, Mumbai, Maharashtra, 400001, India.
☎ +91-8779-240-420 | ✉ info@zyax.in | 🌐 www.flagstonefix.com

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Toluene	108-88-3	30.00% - 40.00%
Methyl ethyl ketone	78-93-3	30.00% - 40.00%
Titanium dioxide	13463-67-7	1.00% - 5.00%
Talc	14807-96-6	1.00% - 5.00%
Chlorite-group minerals	1318-59-8	1.00% - 5.00%
Distillates, petroleum, hydrotreated middle	64742-46-7	0.10% - 1.00%

SECTION 4: FIRST-AID MEASURES

Inhalation Move individual to fresh air. If breathing is difficult, administer oxygen and seek medical attention.

Eye Contact If irritation occurs, move away from exposed area and flush eyes with water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact Remove contaminated clothing. Flush exposed area with water and wash with soap and water. If irritation occurs, seek medical attention.

Ingestion Do not induce vomiting. If vomiting does occur, seek medical attention and contact poison control.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: -7 C (19 F)
LEL: 1.00
UEL: No Data

Special Firefighting Procedures Normal firefighting procedures may be used. Water may be used to cool containers to prevent pressure build up.

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Extinguishing Media	Foam, CO2, Dry Chemical, and Water Fog.
Unusual Fire and Explosion Hazards	Material may be flammable, use caution.

SECTION 6: ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak	Caution flammable. Eliminate any potential sources of ignition and hot surfaces away from spill. Dike area with sand and absorb with a noncombustible material.
Special Precautions	Store containers in a covered area. Use explosion proof electrical equipment. Keep away from heat, sparks and open flames. Do not smoke or eat in work area. Keep away from children.

SECTION 7: HANDLING AND STORAGE

Handling and Storing Precautions	Keep container closed and from freezing when not in use. Store in original container away from heat, open flame or sources of ignition.
Hygienic Practices	As with all chemicals take all necessary precautions to avoid prolonged contact.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Toluene 108-88-3	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STEL
Methyl ethyl ketone 78-93-3	200 ppm TWA; 590 mg/m3 TWA	300 ppm STEL 200 ppm TWA	NIOSH: 200 ppm TWA; 590 mg/m3 TWA 300 ppm STEL; 885 mg/m3 STEL
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Talc 14807-96-6	Not Established	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	NIOSH: 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)
Chlorite-group minerals 1318-59-8	Not Established	Not Established	Not Established
Distillates, petroleum, hydrotreated middle 64742-46-7	Not Established	Not Established	Not Established

Engineering Controls Facilities that are storing or using these materials should have proper ventilation equipment, and proper eyewash and safety shower facilities.

Ventilation Provide sufficient mechanical ventilation to maintain concentrations below exposure limits.

Respiratory Protection If engineering controls do not maintain airborne concentrations below recommended exposure limits, a suitable respirator must be worn. Avoid prolonged or repeated breathing of vapors.

Hand Protection Wear chemical resistant gloves, neoprene, plastic coated, etc.

Eye Protection Chemical splash proof safety goggles in compliance with OSHA regulations.If splashing is possible, wear necessary protective clothing and boots. Follow hand and eye safety procedures.

FS PEELABLE COATING (SOLVENT BASED)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

Appearance:	No Data
Vapor Pressure:	No Data
Vapor Density:	No Data
Specific Gravity:	0.962461783
Freezing Point:	No Data
Boiling Range:	80°C
Evaporation rate:	No Data
Explosive Limits:	1%
Odour:	No Data
Odour Threshold:	No Data
pH:	No Data
Melting Point:	No Data
Solubility:	No Data
Flash Pint:	19 F, -7 C
Flammability:	No Data
Partition Coefficient:	No Data
Autoignition Temperature:	404°C
Viscosity:	No Data
VOC(H2O & Exempt) lb/gal:	5.66
Decomposition Temperature:	No Data
VOC (Excl H2O & Exempt) lb/gal:	5.66

SECTION 10: STABILITY AND REACTIVITY

Stability:	UNSTABLE
Incompatibilities:	Avoid strong oxidizing agents, strong acids and bases.
Hazardous Decomposition:	No Data Available

FS PEELABLE COATING (SOLVENT BASED)

SECTION 11: TOXICOLOGICAL INFORMATION

Emergency Overview

Flammable. Harmful if inhaled or ingested. May cause eye and skin irritation. If exposed for long periods, may cause dizziness, headache or nausea.

Conditions Aggravated

Pre-existing eye, skin, heart and blood disorders may be aggravated by exposure to product.

Mixture Toxicity (Calculation Method)

Oral Toxicity LD50: 3,636mg/kg
Inhalation Toxicity LC50: 36mg/L

Routes of Entry

Ingestion, inhalation, skin absorption, skin contact, eye absorption, and eye contact.

Target Organs

Damage may be caused to blood, central nervous system, eyes, heart, kidneys, liver, skin, and upper
respiratory tract.

Carcinogenicity

CAS Number	Description	% Weight	Carcinogen Rating
108-88-3	Toluene	30 to 40%	Toluene:
64742-46-7	Distillates, petroleum,	0.1 to 1.0%	Distillates, petroleum,
	hydrotreated middle		hydrotreated middle: EU
			REACH: Present (N)

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information

Ecological data are not available.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with local, state and federal regulations. Do not incinerate closed container.

SECTION 14: TRANSPORT INFORMATION

Agency	DOT
Proper Shipping Name	PAINT
UN Number	UN1263
Packing Group	II-III
Hazard Class	3

SECTION 15: REGULATORY INFORMATION

California Proposition 65 Carcinogens:
Toluene 108-88-3
Titanium dioxide 13463-67-7
Quartz 14808-60-7

SARA 313 Chemicals:
Toluene 108-88-3 30 to 40 %

SECTION 16: OTHER INFORMATION

The information herein is furnished without warranty of any kind. Users should consider this data only as a supplement to the other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees.