

Vetro Power CERAMIQ GLASS ECO NANOCOATING

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : Vetro Power CERAMIQ GLASS ECO Nanocoating
Product code : -

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses:

Easy-apply nano coating for home glass, windows, mirrors, shower screens, bathroom glass, tile, porcelain, ceramic.

Uses Advised Against:

Not intended for private consumer use where solvent restrictions apply. Industrial and/or professional use recommended.

1.3. Details of the supplier of the safety data sheet

ZYAX Chem PVT. LTD.,
3rd Floor, Kameer Building,
38 Cawasji Patel Street, Fort,
Mumbai - 400001, India.
Contact No: +91 8779240420
info@zyax.in - www.zyax.in

1.4. Emergency telephone number

Emergency number : **+91 8779240420**

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flammable
Harmful
Irritant
Dangerous for the environment

2.2 Label Elements

Hazard Symbols:

X – Harmful

Contains: Isopropyl Alcohol

R-phrases:

R10: Flammable
R20/21: Harmful by inhalation and in contact with skin
R38: Irritating to skin
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects

S-phrases:

S23: Do not breathe vapour/spray
S36/37: Wear suitable protective clothing and gloves
S38: Wear suitable respiratory equipment when ventilation is insufficient

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2.3 Other Hazards

No PBT/vPvB components identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Characterization:

Component	CAS No.	Proportion
Isopropyl Alcohol	67-63-0	90 – 95 %
Silicon Dioxide	7631-86-9	5 – 10 %

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation: Move to fresh air. If breathing is irregular or stops, administer artificial respiration. Seek medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.

Eye Contact: Remove contact lenses. Rinse with plenty of clean water for at least 15 minutes. Seek medical advice.

Ingestion: Do not induce vomiting. Rinse mouth. Seek immediate medical attention and show the label/container.

4.2 Most Important Symptoms and Effects

Irritation of eyes, skin, respiratory tract. Possible nausea, headache, dizziness.

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing Media: AFFF foam, CO₂, dry chemical, or water spray.

Unsuitable Media: High-pressure water jet.

Special Hazards: Highly flammable. Vapours may form explosive mixtures with air.

Protective Equipment: Firefighters should wear flameproof clothing and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Ensure adequate ventilation. Remove ignition sources. Avoid inhalation.

6.2 Environmental Precautions:

Avoid release into drains or watercourses.



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6.3 Methods for Clean-up:

Absorb with sand/earth/vermiculite. Dispose as per regulations. Clean using detergent.

SECTION 7: HANDLING AND STORAGE

7.1 Handling

Use only in well-ventilated areas. Avoid formation of vapours. Keep away from ignition sources. Avoid contact with skin/eyes.

7.2 Storage

Store tightly sealed in a cool, dry, well-ventilated place between 5°C and 25°C.

Protect from heat, sparks, and sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Controls: Adequate ventilation required.

Personal Protective Equipment:

Eyes: Goggles or face shield

Hands: PVC, nitrile, or neoprene gloves

Respiratory: Organic vapour respirator if required

Skin: Protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid

Odour: Alcohol odour

Flammability: Highly flammable

Flash Point: 12°C (Isopropanol)

Boiling Point: 82.4°C

Melting Point: -90°C

Specific Gravity: ~0.8

Vapour Density: 2.1 (Air = 1)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal use.

Conditions to Avoid: Heat, sparks, flames, static discharge.

Incompatible Materials: Acids, alkalis, oxidizers, reducers.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

- May cause irritation to eyes, skin, respiratory tract
- High vapour concentrations may cause headache, dizziness
- Ingestion may cause gastric irritation, nausea

SECTION 12: ECOLOGICAL INFORMATION

- Harmful to aquatic organisms
- Avoid discharge into water systems
- No PBT/vPvB substances reported

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations. Do not allow entry into drains.
Empty containers may contain flammable residues.

SECTION 14: TRANSPORT INFORMATION

Transport only in accordance with the requirements of the Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labeling), ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

UN number ADR/RID; IMDG; ICAO/IATA: 1263

UN proper shipping name ADR/RID; IMDG; ICAO/IATA: PAINT-

Transport hazard class(es) Hazard class ADR/RID; IMDG; ICAO/IATA: 3

Subsidiary hazard class ADR/RID; IMDG; ICAO/IATA: Not applicable.

Labels :



Special Provisions ADR/RID : 640E

Hazchem Code ADR/RID: 3Y

EmS IMDG: F-E,S-E

Packaging group ADR/RID; IMDG; ICAO/IATA: III

Environmental hazards ADR/RID; IMDG; ICAO/IATA: none

Marine pollutant IMDG: no

Special precautions for user please see section 6 – 8

SECTION 15: REGULATORY INFORMATION

No additional regulatory data.

SECTION 16: OTHER INFORMATION

This MSDS includes only safety-related information. For technical details, refer to the product TDS.