

Vetro Power CERAMIQ 9H ECO NANOCOATING

Safety Data Sheet

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 9H ECO NANOCOATING
Product code : -

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

- 1.2.1. Identified Uses: Ceramic coating for automotive painted surfaces and alloy wheels, providing a protective, easy-cleaning surface.
Uses Advised Against: Not intended for private consumer use without adequate safety measures. Recommended for industrial and/or professional application.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

ZYAX CHEM PVT. LTD.,
3rd Floor, Kamer 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: COMPOSITION / INFORMATION ON INGREDIENTS

Substances / Mixture

CERAMIQ 9H ECO is a ceramic coating product supplied as part of the same product family as Ceramic 9H.

SECTION 3: FIRST AID MEASURES

Inhalation:

Move the exposed person to fresh air. Keep at rest. Seek medical attention if symptoms persist.

Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water. Seek medical advice if irritation develops or persists.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

Do not induce vomiting. Rinse mouth with water. Seek immediate medical attention and show this safety data sheet or product label.

Most Important Symptoms:

Irritation of eyes and skin, and possible irritation of the respiratory tract may occur with exposure to solvent-based ceramic coatings of this type.

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SECTION 4: FIREFIGHTING MEASURES

Suitable Extinguishing Media:

Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
Water spray

Unsuitable Extinguishing Media:

High-pressure water jet.

Special Hazards Arising from the Substance or Mixture:

General for solvent-based coatings: flammable vapours may form explosive mixtures with air.

Advice for Firefighters:

Use self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water spray.

SECTION 5: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ensure adequate ventilation. Avoid inhalation of vapours. Remove all sources of ignition.

Environmental Precautions:

Do not allow product to enter drains, surface water or soil.

Methods and Material for Containment and Cleaning Up:

Contain spillage with inert absorbent material (sand, earth, vermiculite). Collect into suitable labelled containers for disposal according to local regulations. Clean residue with detergent solution.

SECTION 6: HANDLING AND STORAGE

Precautions for Safe Handling:

Use only in well-ventilated areas. Avoid contact with skin and eyes. Do not breathe vapours or spray. Keep away from sources of ignition. No smoking in the work area.

Conditions for Safe Storage, Including any Incompatibilities:

Store tightly closed in a cool, dry, well-ventilated place, away from direct sunlight, heat and ignition sources. Keep away from strong oxidizing agents, acids and alkalis.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

No specific occupational exposure limit values.

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Exposure Controls

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face protection: Safety goggles or face shield.

Hand protection: Chemical-resistant gloves (e.g. nitrile, PVC).

Skin protection: Protective clothing as appropriate to operation.

Respiratory protection: If ventilation is inadequate, use suitable respiratory protection for organic vapours.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Based on the product type (solvent-based ceramic coating), the following general properties apply:

Physical state: Liquid

Colour: Not specified

Odour: Solvent-like

Flammability: Expected to be flammable, as part of a solvent-based coating family

SECTION 9 : STABILITY AND REACTIVITY

Reactivity: No specific data available for this variant.

Chemical Stability: Stable under normal handling and storage conditions.

Conditions to Avoid: Heat, flames, sparks, and other ignition sources.

Incompatible Materials: Strong oxidizing agents, strong acids and bases.

Hazardous Decomposition Products: In case of fire, combustion may produce carbon monoxide, carbon dioxide and other harmful gases.

SECTION 10: TOXICOLOGICAL INFORMATION

Exposure to solvent-based coatings of this type may cause:

Irritation of eyes and skin

Irritation of the respiratory tract if vapours are inhaled

Headache, dizziness, nausea with high vapour concentrations

SECTION 11: ECOLOGICAL INFORMATION

Solvent-based coatings can be:

Harmful to aquatic organisms

Potentially causing long-term adverse effects in the aquatic environment

Avoid uncontrolled release to the environment.

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SECTION 12: DISPOSAL CONSIDERATIONS

Dispose of product and contaminated absorbents in accordance with local regulations.

Do not dispose of it into drains, surface water or soil.

Empty containers may contain residues and should be handled as hazardous.

SECTION 13: TRANSPORT INFORMATION

As a solvent-based ceramic coating, it should be considered for transport under the general requirements for flammable liquid coatings according to applicable ADR/RID/IMDG/ICAO/IATA rules.

SECTION 14: REGULATORY 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: OTHER INFORMATION

No specific information