

Vetro Power GRAPHENE-X ECO CERAMIQ 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 GRAPHENE-X ECO CERAMIQ NANOCOATING
Product code : -

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

Identified Uses:

DIY graphene hybrid coating for automotive painted surfaces, clear coats, and alloys.

Uses Advised Against:

Not recommended for use without basic safety training. Not for unsupervised consumer use.

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 8779 240 420

SECTION 1: FIRST AID MEASURES

1.1 Description of First Aid Measures

Inhalation:

Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact:

Wash skin thoroughly with soap and water. Remove contaminated clothing.

Eye Contact:

Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.

Ingestion:

Rinse mouth. Do not induce vomiting. Seek immediate medical attention.

1.2 Most Important Symptoms and Effects

May cause irritation to skin, eyes, and respiratory tract.

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SECTION 2: Firefighting measures

2.1 Suitable Extinguishing Media:

Foam
CO₂
Dry chemical
Water spray

2.2 Unsuitable Extinguishing Media:

High-pressure water jet.

2.3 Protective Equipment for Firefighters

Self-contained breathing apparatus and full protective clothing.

SECTION 3: Accidental release measures

3.1 Personal Precautions:

Ensure adequate ventilation. Remove ignition sources.

3.2 Environmental Precautions:

Prevent release into drains or watercourses.

3.3 Methods for Clean-up:

Absorb with sand or inert material. Collect and dispose according to local regulations. Clean area with detergent.

SECTION 4: HANDLING AND STORAGE

4.1 Handling

Avoid inhalation of vapours. Avoid contact with eyes and skin. Use only in well-ventilated areas.

4.2 Storage

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

Keep away from heat, sparks, and open flames.

SECTION 5: EXPOSURE CONTROLS/PERSONAL PROTECTION

5.1 Exposure Controls

Engineering Controls: Ensure adequate ventilation.

- Personal Protective Equipment:
- Eye protection: Safety goggles
- Gloves: Chemical-resistant gloves
- Respiratory: Organic vapour respirator if required
- Clothing: Protective garments

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SECTION 6: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Expected to be stable under recommended conditions of use.

Conditions to Avoid: Heat, sparks, open flame, static discharge.

Incompatible Materials: Strong acids, alkalis, oxidizing agents.

SECTION 7: TOXICOLOGICAL INFORMATION

General comments for solvent-based coatings:

May cause irritation to skin, eyes, respiratory tract

May cause headache, dizziness from vapours

SECTION 8: ECOLOGICAL INFORMATION

General guidance:

Avoid uncontrolled discharge into the environment.

SECTION 9: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.

Do not discharge into drains.

Containers may retain residues.

SECTION 10: STABILITY AND REACTIVITY

Stability

Stable under normal handling and storage conditions.

Conditions to Avoid

Heat, flames, sparks, static discharge.

Incompatible Materials

SECTION 11: TOXICOLOGICAL INFORMATION

Based on solvent nature:

May cause irritation to eyes, skin, and respiratory tract

High concentrations may cause headache, dizziness, nausea

Ingestion may cause gastric irritation

SECTION 12: ECOLOGICAL INFORMATION

Avoid uncontrolled release to the environment.

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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.
Do not release into drains or waterways.
Containers may retain flammable vapours and residues.

SECTION 10: 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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code