

Vetro Power CERAMIQ 9H PRO 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 9H PRO NANOCOATING
Product code : -

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

Identified Uses: Nano ceramic coating for automotive painted surfaces, clear coats, wheels and headlights, providing a high-gloss, easy-cleaning protective layer.

Uses Advised Against: Not for private consumer use. Industrial and/or professional use only.

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: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION

Flammable
Harmful
Irritant
Dangerous to the environment

2.2 LABEL ELEMENTS

Hazard Symbol:

X – Harmful
Contains: n-Butyl Acetate

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: If ventilation is insufficient, wear suitable respiratory equipment

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2.3 OTHER HAZARDS

No PBT or vPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization:

COMPONENT	CAS NO.	PROPORTION
N-BUTYL ACETATE	123-86-4	20 – 30 %
SILICON DIOXIDE	7631-86-9	70 – 80 %

SECTION 4: 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 skin thoroughly with soap and water. Seek medical attention if irritation persists.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if applicable. Seek medical attention.

Ingestion:

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

Most Important Symptoms:

Irritation to skin, eyes, and respiratory tract. Possible headache, dizziness, nausea due to solvent vapours.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media:

AFFF foam
CO₂
Dry chemical
Water spray

Unsuitable Media:

High-pressure water jet.

Fire/Explosion Hazards:

Flammable liquid. Vapours may form explosive mixtures.

Protective Equipment:

Firefighters should wear full flameproof gear and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ensure ventilation. Remove ignition sources. Avoid inhalation.

Environmental Precautions:

Prevent entry into drains or water systems.

Cleanup Methods:

Absorb with sand, earth, vermiculite. Collect in a labelled container. Clean with detergent.



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SECTION 7: HANDLING AND STORAGE

Handling:

Avoid vapour concentration build-up. Use only in well-ventilated areas. Keep away from ignition sources. Avoid skin and eye contact.

Storage:

Keep the container tightly closed between 5°C and 25°C in a cool, dry, ventilated area.
Keep away from acids, alkalis, oxidizers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Adequate ventilation required.

Personal Protective Equipment:

Eye protection: safety goggles/face shield

Gloves: PVC, nitrile, neoprene

Respiratory: organic vapour respirator when needed

Clothing: appropriate protective wear

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Colour: Clear liquid with suspended fine particles

Odour: Fragrant mint-like odour

Flammability: Highly flammable liquid and vapour

Flash Point: -20°C

Boiling Point: 56°C

Melting Point: -95°C

Specific Gravity: Not available

Vapour Density: ~2.0 (heavier than air)

Solubility: Mostly soluble in water

Viscosity: Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions

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

Incompatible Materials: Acids, alkalis, oxidizing/reducing agents

Decomposition Products: CO, CO₂, smoke, nitrogen oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Irritating to skin, eyes, respiratory tract

Vapours may cause headache, nausea, dizziness

Prolonged exposure may cause irritation

Ingestion may cause gastric irritation

SECTION 12: ECOLOGICAL INFORMATION

Harmful to aquatic organisms
May cause long-term environmental effects
Avoid contamination of waterway

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations.
Do not discharge into drains.
Empty containers may retain solvent vapour and remain hazardous.

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

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

UN Number: 1263

Proper Shipping Name: PAINT

Hazard Class: 3

Packing Group: III

Marine Pollutant: No

Hazchem Code: 3Y

Transport according to ADR/RID/IMDG/ICAO



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SECTION 15: REGULATORY INFORMATION

No specific regulatory information.

SECTION 16: OTHER INFORMATION

Contains only safety-related information. Refer to TDS for performance and application specifications.