



Material Safety Data Sheet (MSDS) Pearl Coat 9404

1. Chemical Product and Company Identification:

Product Name: Saturated Polyester Resins PC 9404

Manufacturer: Tough Color Resins Pvt.Ltd.

Address: S-51 Goyal Trade Center, Shantivan, Borivali (East), Mumbai 400056. India

CAS No: Ingredients not precisely defined are proprietary

HMIS:

Health	2
Fire hazard	1
Reactivity	1

2. Composition/information on ingredients:

Name	CAS	% by weight
Polyester resin	NA	90-100
Monomers	NA	0-10

3. Hazardous Identification:

Physical state and appearance : Solid(Granules)

Potential Acute Health Effects

- Skin Contact : May cause skin irritation
- Eye Contact : May cause eye irritation
- Inhalation : May cause irritation to respiratory tract.
- Ingestion : Although this material is not to be harmful by ingestion, it may still be damaging following ingestion, especially where pre-existing organ damage is evident.

4. **First aid Measures:**

Skin Contact: Wash immediately with plenty of water. Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Inhalation: Remove victim from area of exposure if possible. Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Ingestion: Do not induce vomiting unless directed by a physician. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as collar, tie, belt or waist band. If vomiting occurs, keep head lower than hips to help prevent aspiration.

5. **Fire Fighting Measures:**

Flammability	: Not available
Flash Points	: Closed cup >95°C
Extinguishing Media	: Small fire: Use Dry chemical powder Large Fire: Use water spray. fog or foam.
Hazardous thermal decomposition products	: Carbon monoxide and carbon dioxide.
Auto ignition Temperature	: Not determined.
Lower explosion limit	: Not determined.

6. **Accidental Release Measures:**

Small spill: Wear appropriate protective clothing to prevent skin contact. Wear appropriate respirator when ventilation is inadequate. Avoid possible sources of ignition. Keep unnecessary people from spill area. Clean up spill immediately.

Large spill: Do not clean up or dispose except under supervision of a specialist. Eliminate all ignition sources. Dispose of according to all federal, state and local applicable regulations.

7. **Handling and Storage:**

Handling:
Do not ingest. Wash thoroughly after handling.

Storage:
Keep container closed in a cool., well-ventilated place. Keep away from sources of ignition.

8. **Exposure controls/ Personal Protection:**

Engineering controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generated dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Avoid dust accumulation.

Personal Protection

- Ventilation : Good general ventilation should be sufficient to control airborne levels.
- Respiratory System : Wear appropriate respirator when ventilation is inadequate.
- Skin Contact : Use chemical resistant, impervious gloves. Work uniform or laboratory coat.
- Eyes : Safety glasses with side shields or chemical splash goggles.
- Other information : Not available.

9. **Physical and Chemical Properties:**

- Physical state and appearance : Solid (Granules)
- Color : Colorless to yellow
- Odor : Odorless
- Boiling Point : Not determined
- Vapor Density : NA
- Specific Gravity : 1.124

10. **Stability and Reactivity:**

- Stability : The product is stable
- Hazardous polymerization : Not likely under normal conditions
- Incompatibility, conditions to avoid: Not available
- Hazardous decomposition products: Possibly hazardous short-term degradation is not likely, however long-term degradation may arise.

11. Toxicological Information:

Information on toxicological effects:

- Acute toxicity: Not available
- Irritation/Corrosion: Not available
- Sensitization: Not available
- Mutagenicity: Not available
- Carcinogenicity: Not available
- Reproductive toxicity: Not available
- Teratogenicity: Not available
- Specific target organ toxicity (single exposure): Not available
- Specific target organ toxicity (repeated exposure): Not available
- Aspiration hazard: Not available
- Information on the likely routes of exposure: Not available

Potential acute health effects:

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact	: No specific data
Inhalation	: No specific data
Skin contact	: No specific data
Ingestion	: No specific data



Delayed and immediate effects also chronic effects from short- and long-term exposure

Short term exposure:

Potential immediate effects : No available

Potential delayed : No available

Long term exposure:

Potential immediate effects : No available

Potential delayed : No available

Potential chronic health effects:

General : No known significant effect or critical hazards.

Carcinogenicity : No known significant effect or critical hazards.

Mutagenicity : No known significant effect or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

12. Disposal Considerations:

Waste Disposal:

This material and its container must be disposed of in a safe and environmentally responsible way. Waste must be disposed of in accordance with federal state and local environment control regulations. Do not allow product to reach sewage system/surface or ground water.

13. Transport Information:

Not available.

14. Regulatory Information:

Not available

15. Other information:

Other specific considerations: Not available

Date of issue: 01/01/2024



TOUGH COLOR RESINS PVT. LTD

14, Shakti Udyog Nagar, Manor Palghar Road Vevoor,
Palghar (E), Dist. Thane, Maharashtra – 401404

Tel: +91 9820434050

Email: info@toughcolor.com/office@toughcolor.com

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither Tough Color Pvt Ltd nor any of its affiliates assumes any liability whatsoever for the accuracy or completeness of the information contained herein. While this information has been prepared in good faith by technical experts within the Tough Color Resins Pvt Ltd organization, the final determination of suitability of any material is the sole responsibility of the end user, after proper consultation with the end users' engineering, technical, health and safety professionals.

All materials may present unknown hazards and should be used with caution considering the specific material, other materials that it may or may not be combined with, and any engineering controls and/or process implementation(s) designed for the use of the material in any specific system process. Although certain hazards are described within, these cannot be guaranteed as the only hazards that exist.