

Safety Data Sheet

June 06, 2020

4th Edition

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Polyester/TGIC Powder coatings

Recommended Use: Applied by electrostatic spray.

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | Proportion | Risk Phrases |
|--|------------|------------|--------------|
| Carboxylic polyester resin | 25135-73-3 | 60-70% | - |
| TGIC | 2451-62-9 | 0-5% | |
| Extenders/fillers | 231-784-4 | 10-25% | |
| Pigments | - | 1-10% | - |
| Titanium Dioxide | 236-675-5 | 2-25 % | |
| Ingredients determined not to be hazardous | - | to 100% | - |

3. HAZARDS IDENTIFICATION SUPPLIER

Risk Phrases:

Harmful by inhalation and if swallowed. Irritating to eyes. May cause sensitisation by inhalation and skin contact. May cause heritable genetic damage.

Safety Phrases:

Do not breathe dust. Avoid contact with skin and eyes. Wear suitable protective clothing and eye/face protection.

Poisons Schedule:

None allocated.

4. FIRST AID MEASURES

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Effects may be delayed.

Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance .

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, give a glass of water to drink. Seek immediate medical assistance.

Medical attention and special treatment:

Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

6. HANDLING AND STORAGE

Conditions for safe storage:

Store in a cool, dry, well ventilated place and out of direct sunlight.

7. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation.

Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---------------------------------|--|
| Skin protection: | Cotton clothing |
| Dust control: | Recommended |
| Leak or spill procedure: | Collect to tray or vacuum cleaner |
| Storage requirements: | At ambient in a shed and ventilated location |
| Engineering control: | Adequate ventilation |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-------------------------------|
| Physical state: | Powder |
| Odour: | No unpleasant odour |
| Solubility: | Insoluble in water. |
| Specific Gravity: | 1.6 ±0.05 @20°C |
| Particle size: | 10-90um(>80%, laser analyzer) |
| Ignition temperature of a dust/air mixture: | 450-600°C |
| Flash Point (°C): | Not applicable |
| Solubility in water (g/L): | Insoluble |

10. STABILITY AND REACTIVITY

Chemical stability:

Stable under normal conditions of use.

Conditions to avoid:

Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame.

Incompatible materials:

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Incompatible with oxidising agents.

Hazardous decomposition products:

Oxides of carbon. Oxides of nitrogen.

Hazardous reactions:

Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:

Swallowing can result in nausea, vomiting, diarrhoea, and abdominal pain.

Eye contact:

An eye irritant.

Skin contact:

Contact with skin may result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Inhalation:

Breathing in dust may result in respiratory irritation. A respiratory sensitiser. Can cause possible allergic reactions, producing asthma-like symptoms.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods for transport by air; NON-DANGEROUS GOODS.

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15. REGULATORY INFORMATION

Classification:

Based on available information, not classified as hazardous; NON-HAZARDOUS SUBSTANCE

Poisons Schedule:

None allocated

16. OTHER INFORMATION

If clarification or further information is needed, the user should contact our technical team or can visit our website.