



| | |
|----------------------------|----------|
| Health | 3 |
| Fire | 0 |
| Reactivity | 0 |
| Personal Protection | |

SECTION 1 – MATERIAL IDENTIFICATION

| | |
|------------------------------------|--|
| A) Trade / Material Name | Glass Flake Epoxy Coating |
| B) Description | Single coating system for protection of steel surfaces against corrosion |
| C) Product Code(s) | RTB-1274-R-A |
| D) Manufacturer Name | Ronass Chemical Producing Co. |
| E) Manufacturer Information | #95 Ghaem Magham Avenue, Tehran, Iran Tel: (+98-21) 88307248-9 Fax: (+98-21) 88305965 www.ronass.com info@ronass.com |
| F) MSDS Preparation Date | July 17, 2018 |

SECTION 2 – HAZARDOUS INGREDIENTS

| Name | Percentage | Max. Legal Limit |
|------------------|----------------------|----------------------|
| Organic Solvents | Max. 10% (By Weight) | Max. 10% (By Weight) |
| Total Pigments | Max. 70% (By Weight) | N.A. |
| Solid Resins | Max. 20% (By Weight) | N.A. |

SECTION 3 – PHYSICAL DATA

| | |
|------------------------------------|---|
| A) Appearance and Odor | Coloured Liquid Light Odor |
| B) V.O.C. | Max. 7% |
| C) Viscosity | Max. 125 KU |
| D) pH Range | 5.8 – 7 |
| E) Water Solubility | No |
| F) Specific Gravity | 1.75 ± 0.05 gr/cm ³ (Component A) 1.65 ± 0.05 gr/cm ³ (After Mixing) |
| G) Flash Point | 29°C |
| H) Boiling Point | 128°C |
| I) Melting / Freezing Point | N.A. |

SECTION 4 – STABILITY AND REACTIVITY DATA

MATERIAL IS STABLE | HAZARDOUS POLYMERIZATION CANNOT OCCUR

- | | |
|--|---|
| A) Chemical Incompatibilities | Water, oil and inorganic compounds |
| B) Conditions to Avoid | Excessive heat, sparks, open flame, high voltage power lines / switchboards |
| C) Hazardous Decomposition Product(s) | Carbon Monoxide, Carbon Dioxide, Organic Solvent Vapor |
| D) Hazardous Polymerization Product(s) | None |

SECTION 5 – LEAK AND DISPOSAL PROCEDURES

- | | |
|-----------------------------------|---|
| A) Spill and / or Leak Procedures | Contain and collect with absorbent material |
| B) Waste Management / Disposal | In accordance with state and provincial regulations |
| C) Large Spills | Remove all sources of ignition; ventilate area; Contain spill with inert absorbent, or mop up |

SECTION 6 – FIRST AID MEASURES

THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN BY OSHA, NTP, IARC

- | | |
|---|---|
| A) Summary of Risks | Contact may cause eye irritation; prolonged contact with skin can cause irritation; excessive inhalation can cause dizziness and headache |
| B) Medical Conditions That May Be Aggravated by Contact | Pre-existing disorders of the liver or kidneys, eyes, skin, or respiratory system may be aggravated by exposure to this product |
| C) Primary Entry Route(s) | Eye contact; skin contact; respiratory and ingestion systems |
| D) Acute Effect(s) | Eye and skin irritation; dizziness; headache and nausea from excessive inhalation |
| E) Chronic Effect(s) | Aspiration of product into lungs (due to vomiting) can cause chemical pneumonitis, which can be fatal |
| F) Signs and Symptoms of Overexposure | |
| ❖ Eye Contact | Redness; tearing; blurred vision |
| ❖ Skin Contact | Redness; blistering |
| ❖ Inhalation | Dizziness; headache |
| ❖ Ingestion | Nausea; cramps; diarrhea |
| G) First Aid | |
| ❖ Eye Contact | Flush with plenty water for 10 minutes; get medical advice |
| ❖ Skin Contact | Wash with soap and cool water; seek medical attention if irritation persists |
| ❖ Inhalation | Move to an area with fresh air |
| ❖ Ingestion | Do not induce vomiting; call a physician immediately for instructions |

