

# SAFETY DATA SHEET

## SUPERIOR RZ5-T1A

DATE REVISED: January 1, 2015

**Product Name:** Superior RZ5-T1A

**Manufacturer:** Superior Flux & Mfg. Co. 6615 Parkland Blvd. Cleveland, OH 44139

**Emergency Phone Number:** 1-800-424-9300 (CHEMTREC)

**Other Information Calls:** (440) 349-3000

**To the Purchaser:** This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

**H.M.I.S. INFORMATION: HEALTH = 2      FLAMMABILITY = 2      REACTIVITY = 0**

### SECTION I - IDENTIFICATION

**Common Name:** Superior RZ5-T1A

**Chemical Family:** Stained Glass Cement

**CAS Number:** NA

**Chemical Name:** NA

**Formula:** See below

### SECTION II – HAZARDS IDENTIFICATION

Classification of Substance or Mixture:

**Classification (CLP):** NA

**Label Elements (CLP):** NA

**Signal Word:** Danger



Flammable    Warning    Environmentally Damaging    Health Hazard

**Precautionary Statements:** P101, P102, P280, P301+P310, P305+P351, P261, PP305+P351+P338

**Risk Phrases:** R36, R67

**Safety Phrases:** S2, S7, S16, S24/25, S-26

See section XVI for full text description of S and R phrases

**Other Hazards:** None if used properly

### SECTION III- COMPOSITION INFORMATION

Components	CAS Number	%	OSHA PEL	H Phrases
Calcium Carbonate	1317-65-3	60-80	5.0 mg/m <sup>3</sup>	NA
Turpentine	8006-64-2	1-5	5.0 mg/m <sup>3</sup>	H226, H302, H304, H312, H315, H317, H319, H332
Linseed Oil	8001-26-1	10-30	5.0 mg/m <sup>3</sup>	H302, H312, H332, H315, H317, H319, H335

Unlisted percentages are non-hazardous stabilizers, and water. None of the materials in this product are listed in NTP, IARC, or OSHA as carcinogens.

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## SECTION IV – FIRST AID MEASURES

**Inhalation:** Remove to fresh air  
**Eyes:** Flush with water for fifteen (15) Minutes. Call physician.  
**Skin:** Wash thoroughly with water.  
**Ingestion:** If patient is fully conscious, give large amounts of water. Obtain medical attention immediately.

Most Important Symptoms and effects, both acute and delayed

**Primary Routes of Entry into Body:** Fume inhalation, ingestion, skin, and eyes.

**Symptoms of Overexposure:** Salivation, coughing, choking, chills, may cause weight loss, brittle bones, anemia, and stiff joints.

**Medical Conditions Generally Aggravated by Exposure:** Any weakness of the lungs, kidneys or liver will be aggravated.

**Chemical Listed as Carcinogen or Potential Carcinogen:** None

**OSHA Permissible Exposure Limit (PEL):** NA

**ACGIH Threshold Limit Value (TLV):** NA

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## SECTION V - FIRE AND EXPLOSION HAZARD DATA

**Flash Point: (Method Used):** None

**Flammable Limits:** Lower-NA, Upper-NA

**Extinguishing Media:** Not needed

**Auto Ignition Temperature:** None

**Special Fire Fighting Procedures:** Normal caution when using chemicals

**Unusual Fire and Explosion Hazards:** NA

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## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is spilled:** Clean up paste and flush remaining material with lots of water.

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## SECTION VII - HANDLING AND STORAGE

**Precautions to be Taken in Handling and Storage:** Store in plastic containers in cool area. Do not store in glass or porcelain container. Wash thoroughly after use.

**Work/Hygienic Practices:** Avoid contact with skin, eyes and Clothing.

**Other Precautions:** Keep container away from excessive heat

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## SECTION VIII - CONTROL MEASURES

**Ventilation:** Yes

**Local Exhaust:** Yes

**Protective Gloves:** NIOSH approved recommended

**Eye Protection:** Safety goggles

**Mechanical (General):** Yes

**Respiratory Protection (Type):** NIOSH approved respirator in the absence of proper ventilation system.

**Other Protective Clothing or Equipment:** Rubber apron recommended.

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## SECTION IX - PHYSICAL AND CHEMICAL CHARACTERISTICS

**Boiling Point:** NA

**Specific Gravity (Water = 1):** NA

**Vapor Pressure (mm Hg):** NA

**Vapor Density (Air = 1):** NA

**Evaporation Rate (Butyl Acetate = 1):** NA

**Melting Point:** NA

**Solubility in Water:** Moderate

**Reactivity in Water:** None

**Appearance and Odor:** Black, kerosene odor paste

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## SECTION X - STABILITY AND REACTIVITY

**Stability:** Product is stable                      **(Conditions to Avoid):** Avoid heat sparks and open flames

**Incompatibility:** Strong oxidizers.

**Hazardous Decomposition Products:** CO.

**Hazardous Polymerization:** NA

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## SECTION XI - TOXICOLOGICAL INFORMATION

### Acute Toxicity Data

- 1) **Oral:** LD-50 (rat): Not available
- 2) **Inhalation:** LC-50 (rat): Not available
- 3) **Dermal:** LD-50 (rabbit): Not available
- 4) **Skin Irritation:** (rabbit): Not available

### Chronic Toxicity Data

- 1) **Repeated Skin Application:** (rat): Not available
  - 2) **Eye Irritation:** (rabbit): Not available
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## SECTION XII - ECOLOGICAL INFORMATION

**This material has not been tested for environmental effects.**

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## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with EPA regulations

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## SECTION XIV- TRANSPORTATION

**D.O.T. Proper Shipping Name:** Flammable Solid Organic

**Hazard Class:** 4.1

**Identification Number:** UN1325

**Packing Group:** III

**Type D.O.T Label Required Information:** NA

**Waste Disposal Method:** Dispose in accordance with EPA regulations

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## SECTION XV - REGULATORY INFORMATION

OSHA Hazardous Chemical According to 29 CFR 1910.1200: NA

Carcinogenicity Classification: (Components Present at 0.1% or More)

International Agency for Research on Cancer (IARC): NA

American Conference of Governmental Industrial Hygienists (ACGIH): NA

National Toxicology Program (NTP): NA

Occupational Safety and Health Administration (OSHA): NA

All Components of this Product are Listed on the U.S. Toxic Substances Control Act Inventory or Otherwise Comply with TSCA Pre-manufacture Notification Requirements.

This product is RoHS compliant.

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## SECTION XVI - OTHER INFORMATION

The labeling of this product is indicated in Section II. The full text of all abbreviations indicated by codes in the MSDS are as follows:

R36	Irritating to eyes
R67	Irritating to respiratory system
S-2	Keep out of the reach of children
S-7	Keep container tightly closed
S-16	Keep away from sources of ignition - No smoking
S-24/25	Avoid contact with skin and eyes
S-26	In case of eye contact, rinse thoroughly and get medical attention
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray
P280	Wear protective gloves/protective clothing/eye protection/face protection
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

### Further information:

Judgments as to the suitability of information herein or the purchaser's purposes are necessarily the purchaser's responsibility. Reasonable care has been taken in the preparation of this material, but there are NO WARRANTIES, NO REPRESENTATIONS AND NO RESPONSIBILITY AS TO THE ACCURACY OR THE

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