

Safety Data Sheet

Reflections

MSDS No. 10020.5

Date of Preparation: 3/22/99

Revision: 6/3/19

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Reflections

Other means of identification: RFL

Recommended Use: Sparkle additive.

Manufacturer: The R. J. Marshall Company

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Phone: (248) 353-4100, Fax: (248) 948-6460

Emergency Phone: (800) 424-9300

Date Revised: 6/3/19

Prepared By: Stephanie Nichols

Section 2 - Hazards Identification

Classification of the substance or mixture:

Classification of the chemical in accordance with paragraph (d) of 1910.1200: Non-hazardous

Classification according to Regulation (EC) No 1272/2008 (CLP): Not classified

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not classified

HMIS

H 1

F 0

R 0

PPE† E

†Sec. 8

Hazard Pictogram: None

Hazard Statements: None

Precautionary Statements: None

Other hazards: Prolonged or excessive contact may cause irritation of the respiratory tract.

Section 3 - Composition / Information on Ingredients

There are no ingredients classified as hazardous.

Section 4 - First Aid Measures

Description of necessary measures, subdivided according to the different routes of exposure:

Inhalation: If overcome by high dust concentrations, remove to a ventilated area.

Eye Contact: Flush eyes thoroughly for several minutes taking care to rinse under eyelids. Do not scrub. Abrasion may cause irritation. If discomfort continues, continue to wash with water. If irritation persists, consult a physician.

Skin Contact: Wash skin thoroughly with soap and water. Consult a physician if irritation persists.

Ingestion: If swallowed, dilute with large amounts of water. Seek medical advice.

Most important symptoms and effects, both acute and delayed: None

Indication of any immediate medical attention and special treatment needed: Treat symptomatically

Section 5 - Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical, CO₂ Foam, Water Spray.

Unsuitable Extinguishing Media: None

Special hazards arising from the chemical:

Hazardous Combustion Products: Oxides of carbon.

Fire-Fighting Instructions: None

Section 6 - Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Avoid dust formation. In case of inadequate ventilation wear respiratory protection.

Environmental precautions: Do not flush into sewers or release to waterways.

Methods and materials for containment and cleaning up: Sweep up and dispose in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for safe handling: Avoid generating dust during handling. Wear protective work clothing, gloves, and safety goggles.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Store in dry place.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Use suitable respiratory protection in case of insufficient ventilation. Recommend: NIOSH dust mask.

Protective Clothing/Equipment: Safety goggles, work gloves, long sleeved work clothing.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

| Ingredient | OSHA PEL | | ACGIH TLV | |
|---------------------------------------|--|-------------|-------------|-------------|
| | TWA | STEL | TWA | STEL |
| Particulates not otherwise classified | 15 mg/m ³ total, 5 mg/m ³ respirable | none estab. | none estab. | none estab. |

Section 9 - Physical and Chemical Properties

Appearance: powder, various colors

Odor: odorless

Odor Threshold: not applicable

pH: not available

Freezing/Melting Point: 275°F (135°C)

Boiling Point: not applicable

Flash Point: Not applicable.

Flash Point Method: Not flammable.

Evaporation Rate: n/a

Flammability: Not flammable.

Upper/lower flammability or explosive limits: n/a

Vapor Pressure: not applicable

Vapor Density (Air=1): not applicable

Relative Density: not available

Water Solubility: Insoluble

Other Solubilities: Soluble in alkaline aqueous solutions or in HCL, H2SO4, and other strong acids in the presence of some water.

Partition coefficient: n-octanol/water; not applicable

Auto-ignition Temperature: Does not ignite.

Decomposition temperature: >200C

Viscosity: not applicable

Section 10 - Stability and Reactivity

Reactivity: None known.

Chemical stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions: No hazardous reactions known.

Conditions to avoid: Temperature >392°F (200°C).

Incompatible materials: Strong acids and bases. Strong oxidizing agents.

Hazardous decomposition products: oxides of carbon, noxious vapors

Section 11- Toxicological Information

Information on the likely routes of exposure: Eye, Skin, Inhalation

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye Effects: Nuisance dust. May cause irritation through mechanical abrasion.

Skin Effects: Nuisance dust. May cause irritation through mechanical abrasion.

Acute Inhalation Effects: Overexposure to dust may cause irritation to the respiratory tract.

Acute Oral Effects: None known.

Delayed and immediate effects and also chronic effects from short and long-term exposure: None known.

Numerical measures of toxicity:

Acute:

| | Value |
|-----------------|-------------------|
| Oral | No data available |
| Dermal | No data available |
| Inhalation | No data available |
| Skin Corrosion | No data available |
| Skin Irritation | No data available |
| Eye Irritation | No data available |
| Sensitization | No data available |

Repeated dose toxicity:

| | Value |
|------------|-------------------|
| Oral | No data available |
| Inhalation | No data available |

Carcinogenicity: Neither this product nor any of its components are considered carcinogenic by OSHA, IARC, NTP, or ACGIH.

Section 12 - Ecological Information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: Not applicable

Mobility in soil: Not applicable.

Results of PBT and vPvB assessment: This product does not meet the classification as PBT/vPvB.

Other adverse effects: None known.

Section 13 - Disposal Considerations

Disposal: Recycle or landfill if possible. This substance is inert and does not require special disposal methods. Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101): This product is not classified as dangerous under the transport regulations for road, rail, sea, or air transport.

UN Number: not classified as dangerous goods

UN proper shipping name: not classified as dangerous goods

Transport hazard classes: None

Packaging group: None

Environmental hazards: None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not hazardous.

Special precautions for user: None

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Not listed

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

Inventory Lists: This product or its components is listed on the following inventory lists:

| TSCA | Australia AICS | Canada DSL | Europe EINECS | Japan ENCS | Korea ECI |
|--------|-------------------|---------------|------------------|---------------|--------------|
| Listed | Listed | Listed | Listed | Listed | Listed |

| New Zealand NZIoC | Taiwan NECI |
|----------------------|----------------|
| Listed | Listed |

Section 16 - Other Information

Prepared By: Stephanie Nichols**Revision Notes:** updated to SDS

Product Grades Available from the R. J. Marshall Company (this list may be incomplete):

| | | |
|-----------|-----------|---------|
| RFLBLUE | RFLCOPPER | RFLGOLD |
| RFLLTGOLD | RFLSILVER | |

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