

Material Safety Data Sheet RIT® Tint and Dye	Page 1 of 4 Rev. Date 9/17/99
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SECTION #1 - IDENTIFICATION

Products: RIT® Tint and Dye

Chemical Formula: Dry mixtures of inorganic and organic compounds

SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS

These products contain no substances defined as *Health Hazards* or as *Physical Hazards* according to the requirements of 29CFR, Part 1910.1200. The identity of specific components of these products may be determined in accordance with the provisions of 29CFR, Part 1910.1200(l).

SECTION #3 - PHYSICAL DATA

Solubility (H₂O): soluble
Vapor pressure: not applicable
Evaporation Rate: not applicable

Percent Volatiles: not applicable
Vapor density: not applicable
Appearance: colored powders, odorless

SECTION #4 - FIRE FIGHTING & EXPLOSION DATA

Flash Point: not applicable
Lower Explosive Limit (%): not applicable
Autoignition Temperature: not applicable

Flammability Class: not applicable
Upper Explosive Limit (%): not applicable

Fire and Explosion Hazards

Some components of these products may decompose when exposed to flame, very high temperatures, or by reaction with incompatible materials (see Section #6 for incompatible materials).

Fires or explosions involving these products may emit carbon monoxide, smoke, and/or irritant gases as decomposition byproducts.

Extinguishing Media

Flood with large quantities of water.

Special Fire Fighting Instructions

Use self-contained breathing apparatus with full-facepiece operated in pressure-demand or other positive pressure mode.

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SECTION #5 - EXPOSURE EFFECTS and FIRST AID**Route of Exposure - Inhalation**

Inhalation of the components and decomposition byproducts of these products does not pose a significant risk to health when used according to instructions and with appropriate protective measures (see Section #8). Inhalation of dusts or mists of solutions prepared from these products may irritate the nose, throat, and upper respiratory tract.

First Aid - Inhalation

If signs and symptoms of irritation occur, remove subject from the area. Perform artificial respiration and/or seek medical attention if necessary.

Route of Exposure - Skin

Skin contact may produce mild irritation on abraded or sensitive skin. In some individuals, some components of these products may produce skin sensitization following prolonged contact.

First Aid - Skin

Remove contaminated clothing. Wash affected area with soap, and rinse with water.

Route of Exposure - Eyes

Contact with the eyes may produce irritation.

First Aid - Eyes

Flush affected areas with water for at least 15 minutes. Seek medical assistance.

Route of Exposure - Ingestion

Ingestion of these products may produce mild gastric irritation.

First Aid - Ingestion

If the subject is conscious, induce vomiting. If unconscious or convulsive, seek immediate medical assistance. Do not attempt to give liquids to an unconscious person.

Miscellaneous Toxicological Information

Some components of these products have produced both positive and negative findings in *in vitro* mutagenicity assays. None of the components are classified as potential or demonstrated human carcinogens by IARC, NTP, or OSHA.

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SECTION #6 - REACTIVITY & POLYMERIZATION**Conditions to Avoid**

These products are stable at room temperature. Hazardous polymerization will not occur.

Incompatible Materials

Strong oxidizing agents; strong acids.

Hazardous Decomposition Products

If these products are exposed to flame, carbon monoxide, smoke, and irritant gases may be released.

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES**Steps to be Taken in The Event of Spills, Leaks, or Release**

Wear protective equipment (e.g., gloves, chemical goggles, respirator) to prevent contact with skin or eyes. For large spills, transfer product into a container for reclaim. For small spills, flush with large quantities of water.

Waste Disposal Methods

Dispose of in accordance with applicable Federal, State/Provincial, and local regulations.

SARA Title III Notifications and Information

SARA Title III - Hazard Class(es): Acute Health Hazard

SARA Title III - Section 313 Supplier Notification: These products contain no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

SECTION #8 - SPECIAL PROTECTIVE MEASURES**Ventilation**

If a product is used in a manner that generates airborne dust, provide appropriate ventilation (dilution, local exhaust) adequate to control mist concentrations in air.

Eye Protection

If eye contact with a product is possible, wear eye protection (e.g., chemical goggles) adequate to prevent eye contact and/or injury.

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9/17/99**SECTION #8 - SPECIAL PROTECTIVE MEASURES Continued...****Skin Protection**

Wear gloves suitable for protection against irritant chemicals. Rubber, PVA, or nitrile are satisfactory materials.

Respiratory Protection

Respiratory protection is not normally required. If a product is used in a manner that generates airborne dust not controlled by ventilation, wear a NIOSH-approved respirator with filters for protection against dusts (type N95 or better). For guidance on the selection and use of respiratory protection, consult American National Standard Z88.2-1992 (ANSI, New York, NY 10036 USA).

Work/Hygienic Practices

To avoid ingestion of material, wash hands and face before eating, drinking, or using tobacco.

SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING**Storage & Handling Conditions**

Store in a cool, dry place away from flames and incompatible materials (see Section #6). Keep containers tightly closed.

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