

## MATERIAL SAFETY DATA SHEET

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Rxn - R-519

## 1. PRODUCT IDENTIFICATION

CATALOG NO.: R-0620  
PRODUCT NAME: Hardness Indicator Powder  
CHEMICAL FAMILY: Organic dye/sucrose mixture

## 2. INGREDIENTS

INGREDIENT	CAS NO.	%	NATURE OF HAZARD
Sucrose	57-50-1	to 100	None
Nonhazardous ingredients	NA	<1	None

## 3. PHYSICAL/CHEMICAL CHARACTERISTICS

STATE: Solid APPEARANCE: purple crystals ODOR: None  
BOILING PT (F): NA pH: NA SPECIFIC GRAVITY: 1.6  
VAPOR PRESSURE (mm Hg): NA VAPOR DENSITY (AIR=1): NA  
PERCENT VOLATILE BY VOLUME: 1 SOLUBILITY IN WATER: Soluble

## 4. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA

FLASH PT: NA METHOD: NA  
FLAMMABLE LIMITS: LEL: NA UEL: NA  
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray or foam  
SPECIAL PROCEDURES: Wear self-contained (positive pressure if available)  
breathing apparatus and full-protective clothing  
FIRE/EXPLOSION HAZARDS AND HAZARDOUS DECOMPOSITION PRODUCTS: May emit  
toxic fumes of carbon monoxide, nitrogen oxides and produce oxygen.  
NFPA CODE: Health: 0 Flammability: 0 Reactivity: 0 Specific: NA  
CONDITIONS TO AVOID: Extreme heat, temperatures.

## 5. HEALTH HAZARD DATA

INGREDIENT: NA  
TOXICITY: NA  
PEL: NA TLV: NA  
STEL: NE

ROUTE(S) OF ENTRY: Inhalation X Ingestion X Skin X  
TARGET ORGAN(S): Eyes, skin, respiratory tract  
CARCINOGENICITY: NTP No IARC No OSHA No  
HEALTH HAZARDS AND SYMPTOMS OF EXPOSURE:  
EYES: Contact may cause irritation.  
SKIN: Contact may cause staining.  
INGESTION: Irritant. May cause gastrointestinal irritation.  
INHALATION: Irritant.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Eye, skin, and respiratory  
conditions



**6. PRECAUTIONARY MEASURES**

**PROTECTIVE EQUIPMENT:** General purpose gloves, safety glasses, lab coat, dust mask

**HANDLING:** Avoid contact with eyes, skin, and clothing. Avoid breathing chemical. Wash thoroughly after handling.

**STORAGE:** Cool, dry area. Avoid direct sunlight.

**7. EMERGENCY AND FIRST AID PROCEDURES**

**EYE AND SKIN CONTACT:** Immediately flush eyes with water for 20 minutes or until chemical is removed. Call physician. Wash skin thoroughly with soap and water.

**INGESTION:** Give large amounts of water. Call physician. Induce vomiting under direction of physician. DO NOT induce vomiting or give anything by mouth to a person who is unconscious, rapidly losing consciousness, or convulsing.

**INHALATION:** Remove to fresh air. Call physician.

**8. SPILL AND DISPOSAL PROCEDURES**

**SPILL OR RELEASE:** Sweep up. Avoid raising dust. Containerize for later disposal.

**DISPOSAL:** Incineration or other method to comply with all local, state, and federal regulations.

NA = Not applicable

ND = Not determined

NE = Not established

This Material Safety Data Sheet has been prepared in accordance with 29 CFR part 1910.1200 and contains information believed to be accurate and complete at the date of preparation. However, no warranty is expressed or implied. Advice given under "Spill and Disposal Procedures" assumes compliance with federal, state, and local regulations regarding the disposal of hazardous waste.

DATE PREPARED: July 2005