

MATERIAL SAFETY DATA SHEET -68-

Product Name: JOHNI-RINGS
DATE PREPARED 01/28/87 DATE ISSUED 10/19/88

SECTION 1



HERCULES®

MATERIAL SAFETY INFORMATION SERVICE

Hercules Chemical Company, Inc.
29 West 38 Street • New York, NY 10018-5595
Information Phone: 212-869-4330 - Ext. 226

ISSUED TO:
ROCHESTER PLUMBING SUPPLY
3815 HIGHWAY 14 W
ROCHESTER MN 55901-6609

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s))

OSHA PEL ACGIH TLV OTHER LIMITS RECOMMENDED % (OPTIONAL)

This product is defined as an "article" and is not classified as hazardous in accordance with OSHA 1910.1200

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
VAPOR PRESSURE (mm Hg): 0.01
SPECIFIC GRAVITY (H2O = 1): .82 to .86
VAPOR DENSITY (AIR = 1): N/A
MELTING POINT: 140 deg. to 170 deg.F
EVAPORATION RATE (Butyl Acetate = 1): N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND COLOR: Soft amber to brown color. No odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 450 deg. to 550 deg.F
EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or CO2. Do not use a direct stream of water.
SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined space without proper protective equipment, when handling wax fires. Cool fire exposed containers with water.
UNUSUAL FIRE AND EXPLOSION HAZARDS: When heated above its flash point, can release flammable vapors which can burn or be explosive in confined spaces if exposed to sources of ignition.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: High heat temperatures over 160 deg.F
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid strong oxidants.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO & CO2 & unidentified organic compounds may be formed during combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? N/A SKIN? Yes/Secondary INGESTION? Yes/Secondary
HEALTH HAZARDS (ACUTE AND CHRONIC): None known
CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED?

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SIGNS AND SYMPTOMS OF EXPOSURE

None

PHYSICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash with soap and water. EYES: As with all foreign material, flush eyes with water. If irritation occurs, consult a physician. INGESTION: No significant adverse health effects are expected. Consult a physician, if large quantities are ingested.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up spilled material in containers for disposal.

WASTE DISPOSAL METHOD

Non-hazardous landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store over 110 deg.F to prevent the rings from melting or deforming in shape.

OTHER PRECAUTIONS

None

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)

None normally required

VENTILATION

LOCAL EXHAUST

Adequate

SPECIAL

N/A

MECHANICAL (GENERAL)

N/A

OTHER

N/A

PROTECTIVE GLOVES

Not normally required

EYE PROTECTION

Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None

WORK/HYGIENIC PRACTICES

None

N/A