



Expect Service

Radiation Products Design Inc

SAFETY DATA SHEET

RPD INFORMATION

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RPD PRODUCT INFORMATION

RPD is an authorized distributor

Item Number	Description
684-100	LiquiMark MRI Marker, 8 mm Round
684-105	LiquiMark MRI Marker, 15 mm Tube
684-107	LiquiMark MRI Marker, 30 mm Tube
684-110	LiquiMark MRI Marker, 10 mm Square
684-112	LiquiMark MRI Marker, 10 mm x 24 mm
684-114	LiquiMark MRI Marker, 10 mm x 38 mm

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:	Jessop Precision Products, Inc. DBA: Suremark
Address:	4645 Industrial Street, Suite 2C
City, State, and Zip:	Simi Valley, CA 93063
Emergency Telephone Number:	805-579-9672
Other Information Calls:	800-406-3399
Date Prepared:	May 1, 2016
Product Name:	LiquiMark™ MRI Marker Bulk (Blue)
To Be Used As:	Surface Treatment Markers for MRI

2. COMPOSITION/INFORMATION ON INGREDIENTS

The contents of the LiquiMark™ MRI Marker is a trade secret, and the contents are not intended to be released or removed from the plastic tubing. The following information is provided should accidental leakage occur.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE: May cause slight transient injury

SKIN: May be absorbed through damaged or abraded skin in harmful amounts. Allergic reactions have been reported. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Prolonged contact is essentially non-irritating to skin. Repeated exposures may cause problems.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Low hazard in amounts contained in LiquiMark™ tubes.

INHALATION: Inhalation of a mist of this material may cause respiratory tract irritation. Material has a low vapor pressure at room temperature, so exposure to vapor is not likely.

CRONIC: Exposure to large doses may cause central nervous system depression. Chronic ingestion may cause lactic acidosis and possible seizures.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

ROUTES OF ENTRY –

1. Inhalation: Extremely unlikely to be inhaled.
2. Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

3. Skin: In case of contact, flush skin with plenty of water. Get medical aid if irritation develops and persists. Contains FD&C Blue #1 for coloring, which may leave a blue residue on the skin.
4. Ingestion If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, get medical aid.

5. FIRE FIGHTING MEASURES

Flash Point: 99 deg C (210.20 deg F)

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam

Auto-Ignition Temperature: 371 deg C (699.80 deg F)

Special Fire Fighting Procedures: In case of fire, use self-contained breathing apparatus and full protective equipment – all fires liberate toxic gases.

Explosion limits, lower: 2.6 vol %; Upper: 12.6 vol %

NFPA Rating: (estimated) Health: 0; Flammability: 1; Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective gloves to prevent skin exposure, absorb spill with inert material, and place in a suitable container.

7. HANDLING AND STORAGE

No special handling required. Do not attempt to remove liquid from sealed tube. If accidental leakage should occur, wash thoroughly after handling, avoiding contact with eyes, skin and clothing. Avoid ingestion and inhalation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Material cannot be inhaled under normal conditions of Use.
Skin Protection:	Material will not come into contact with skin under normal conditions of use.
Ingestion:	Material is not likely to be ingested under normal conditions of use.
Eye Protection:	None required
Exposure Guidelines:	None established
Engineering Controls:	None required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Dark Blue
Odor: Odorless
pH: Not available
Vapor Pressure: 0.08 mm Hg @ 20 deg C
Vapor Density: 2.62 (air=1)
Evaporation Rate: Not available
Viscosity: 58.1 cps @ 20 deg C
Boiling Point: 187 deg C
Freezing/Melting Point: -60 deg C
Decomposition Temperature: Not Available
Solubility: Soluble
Specific Gravity/Density: 1.030 g/ml

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperatures and pressures
CONDITIONS TO AVOID:	Fire or excessive heat
INCOMPATIBILITY:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, aldehydes
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status: Not listed by ACGIH, IARC, NTP, or CA Prop 65
Epidemiology: No information found
Neurotoxicity: No information found

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, State and Federal regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION: Not a hazardous material for DOT shipping.

15. REGULATORY INFORMATION

None of the chemicals in this product are considered highly hazardous by OSHA

California Prop 65: None of the chemicals in this product are listed.

16. OTHER INFORMATION

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