



# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier: Skin Marker**

**Product Description:** DeRoyal's skin marker is used to make smooth, clear markings on the skin for perioperative or other procedural settings.

**Product Numbers:** 26-001, 26-001NS, 26-002, 26-002NS, 26-003, 26-003NS, 26-004, 26-004NS, 26-005, 26-005NS, 26-006, 26-006NS, 26-017NS

**COMPANY PROFILE:**

DeRoyal Industries, Inc.  
200 DeBusk Lane  
Powell, TN 37849  
Information: (800) 251-9864, ext. 2222

**EMERGENCY PHONE: CHEMTREC 24 hrs.**

**USA: 1 (800) 424 - 9300**

**Outside USA: 1 (703) 527 - 3887**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Registry #	PEL mg/m <sup>3</sup>	TLV-TWA mg/m <sup>3</sup>	TLV-STEL mg/m <sup>3</sup>
Isopropyl Alcohol	67-63-0	980	983	1230
Propylene Glycol	57-55-6	N.E.	N.E.	N.E.
Gentian Violet	548-62-9	N.E.	N.E.	N.E.

Notes: N.E. = Not Established

## 3. HAZARDS IDENTIFICATION

**Primary routes of entry**

Eye  Inhalation  Skin  Ingestion

**Carcinogen listed in**

NTP  IARC  OSHA  Not Listed

**Potential health effects**

**Eye Contact:** May cause irritation

**Ingestion:** May cause irritation

**Inhalation:** Not applicable

**Skin Contact:** May cause slight irritation in sensitized individuals

**Chronic:** None known

## 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention as needed.

**Ingestion:** Do NOT induce vomiting. Rinse mouth thoroughly with water. Get immediate medical attention.

**Inhalation:** Not applicable

**Skin Contact:** If irritation occurs, wash affected areas with soap and water. If irritation persists, seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** 102° F  
**Method:** Closed Cup  
**Autoignition Temperature:** N.E.  
**Flammable Limits:** N.E.  
**Extinguishing Media:** Water, carbon dioxide, dry chemical  
**Special Fire Fighting Procedures:** None required

## 6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** Product is packaged as an individual marker, therefore, spills will not likely occur.

## 7. HANDLING AND STORAGE

**Handling Precautions:** No special precautions necessary. Observe good housekeeping and sanitary procedures.  
**Storage Precautions:** Store product away from heat sources.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** General exhaust is adequate.  
**Personal Protection**  
**Eyes:** None required under normal use conditions.  
**Respirator:** None required under normal use conditions.  
**Skin:** None required under normal use conditions.  
**Other:** None required under normal use conditions.  
**Work/Hygienic Practices:** Practice good personal hygiene.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Violet liquid	<b>Odor:</b> Slight alcohol odor
<b>Vapor Pressure:</b> N.E.	<b>Solubility in Water:</b> Complete
<b>Vapor Density (air = 1):</b> N.E.	<b>Melting Point:</b> N.E.
<b>Specific Gravity:</b> 0.905	<b>Boiling Point:</b> 195° F
<b>Percent Volatility (By wt):</b> N.E.	<b>HMIS Classification:</b> Health: 1; Flammability: 2; Reactivity: 0

## 10. STABILITY AND REACTIVITY

**General:** Stable  
**Incompatible Materials:** Strong oxidizing agents  
**Conditions to Avoid:** None known  
**Hazardous Decomposition/Hazardous Combustion:** None known  
**Hazardous Polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Carcinogenicity

IARC: No

NTP: No

OSHA: No

LD50: N.E.

LC50: N.E.

## 12. ECOLOGICAL INFORMATION

This section is subject to future development.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all Federal, State and Local environmental regulations.

## 14. TRANSPORT INFORMATION

**DOT Classification:** Not regulated

## 15. REGULATORY INFORMATION

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No reportable quantity.

**OSHA Hazard Communication Standard, 29 CFR 1910.1200:** All products are listed.

**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient.

**TSCA (Toxic Substances Control Act):** All products are listed.

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated there under (29 CFR 1910.1200 ET.SEQ.).

## 16. OTHER INFORMATION

**Revised Date:** 6/15/2007

**Prepared by:** Wendy Riggs, DeRoyal Industries, Inc.

**Approved by:** Riley N. Kinman, Ph.D., P.E.

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