



# MATERIAL SAFETY DATA SHEET

EUROPEAN

COUPLING GEL

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Rev B

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## SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

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1.1 Product Name: Coupling Gel

Part Number: 80-6104-4809-6

1.2 Manufacturer's Name: Digital Equipment Corporation, Maynard, MA USA

1.3 Emergency Phone Numbers: 800-228-5635 ext.123  
[+1] 612-221-3999 ext.123

Non-Emergency Phone Number: (508) 496-9242

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## SECTION 2 - COMPOSITION OF INGREDIENTS

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|                       |            |        |
|-----------------------|------------|--------|
| Phenylmethyl Silicone | 63148-58-3 | 80-90% |
| Hydrophobic Silica    | 68611-44-9 | 10-20% |

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## SECTION 3 - HAZARD IDENTIFICATION

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**Hazard to Humans** - Dermal exposure may occur. Slight eye irritation possible upon contact. Product is nonirritating to the skin. Inhalation of decomposed product may result in respiratory irritation.

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## SECTION 4 - FIRST-AID MEASURES

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**If Inhaled** - Remove to fresh air. Support breathing if necessary and contact a physician.

**If on Skin** - Promptly wash skin with soap and water.

**If in Eyes** - Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.

**If Swallowed** - Not applicable

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## SECTION 5 - FIRE-FIGHTING MEASURES

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Special Fire-Fighting Procedure - None

Unusual Fire or Explosion Hazards - None

Extinguishing Media - Dry chemical, water, foam, carbon dioxide

Hazardous Combustion Products - Carbon monoxide, carbon dioxide

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### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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None

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### **SECTION 7 - HANDLING AND STORAGE**

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Engineer Control - Not needed

Procedures for Leaks or Spills - Wipe up with absorbent material and place in container for disposal.

Work Practices - None

Storage Requirement - None

Handling Procedure/Equipment - None

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### **SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**

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Personal Protective Equipment - None for normal use of gel.

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### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance - Clear, transparent gel

Odor and Odor Threshold - None

pH - Not available

Boiling Point - Not applicable

Vapor Pressure - Not available

Vapor Density - Not available

Melting/Softening Point - Not applicable

Specific Gravity - 1.06 (water=1)

Flammable Limits - Not available

Explosive Properties - N/A

Partition Coefficient - N/A

Oxidizing Properties - N/A

Solubility in Water - 0

Percent Volatile - 0

Evaporation Rate - Not available

Freezing Point - Not available

Flash Point - >232°C (>450°F)

Auto-Ignition Temperature - Not available

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### **SECTION 10 - STABILITY AND REACTIVITY**

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Stability - Stable

Hazardous Polymerization - None

Conditions to Avoid - None

Hazardous Decomposition Products - Not available

Incompatibility - Strong oxidizing materials

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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**Animal Experiment -**

**Acute** - Oral LD<sub>50</sub>- N/D. Dermal LD<sub>50</sub>- N/D. Inhalation LC<sub>50</sub>- N/D

**Chronic/Other** - Information on teratogenicity, mutagenicity, and carcinogenicity not available.

**Additional Information** - Splice gel contains phenylmethyl silicone and hydrophobic silica, which are categorized as nonhazardous ingredients.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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None; should not remain in the environment. No ecological effect.

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**SECTION 13 - DISPOSAL INFORMATION**

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Waste Disposal - No special requirements.

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**SECTION 14 - TRANSPORTATION INFORMATION**

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None

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**SECTION 15 - REGULATORY INFORMATION**

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SEE LOCAL REQUIREMENTS

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**SECTION 16 - OTHER INFORMATION**

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**Use:** Fiber Optic Splicing

**Date Prepared:** July 24, 1995