SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

1.1 Product Name: Coupling Gel
1.2 Manufacturer's Name: Digital Equipment Corporation, Maynard, MA USA
1.3 Emergency Phone Numbers: 800-228-5635 ext.123
Non-Emergency Phone Number: (508) 496-9242
[+1] 612-221-3999 ext.123

SECTION 2 - COMPOSITION OF INGREDIENTS

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

SECTION 3 - HAZARD IDENTIFICATION

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.

SECTION 4 - FIRST-AID MEASURES

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

SECTION 5 - FIRE-FIGHTING MEASURES

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
SECTION 6 - ACCIDENTAL RELEASE MEASURES

None

SECTION 7 - HANDLING AND STORAGE

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

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protective Equipment - None for normal use of gel.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 - STABILITY AND REACTIVITY

Stability - Stable  
Hazardous Polymerization - None  
Conditions to Avoid - None  
Hazardous Decomposition Products - Not available  
Incompatibility - Strong oxidizing materials
SECTION 11 - TOXICOLOGICAL INFORMATION

Animal Experiment -

Acute - Oral LD_{50} - N/D. Dermal LD_{50} - N/D. Inhalation LC_{50} - 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.

SECTION 12 - ECOLOGICAL INFORMATION

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

SECTION 13 - DISPOSAL INFORMATION

Waste Disposal - No special requirements.

SECTION 14 - TRANSPORTATION INFORMATION

None

SECTION 15 - REGULATORY INFORMATION

SEE LOCAL REQUIREMENTS

SECTION 16 - OTHER INFORMATION

Use: Fiber Optic Splicing

Date Prepared: July 24, 1995