

**MATERIAL SAFETY DATA SHEET**

**MANUFACTURED FOR:**


**PREPARATION DATE:** 01/31/02 nc

**CLEARCO PRODUCTS CO.**  
3430-G PROGRESS DR  
BENSALEM PA 19020  
Telephone: 1 (800) 533 5823

**PREPARED BY:**

**EMERGENCY PHONE #:**  
**CHEM-TEL: 1 (800) 255 3924**

**HAZARD RATING**

 Health-1    **Reactivity-0**    **Flammability-1**    **Equipment-A**    **Special Hazard-Unk**

**SECTION I - GENERAL INFORMATION**

Trade Name & Syn...                      **CLEARCO WELDING JELLY**

**SECTION II - INGREDIENTS**

Ingredient Description	% Weight	Cas Number	Exposure Standards	Carcinogen	Sara 313
Petrolatum	94	8009-03-8	None Established	NO	NO
Polyoxyethylene Polyoxypropylene Copolymer	6	9003-13-8	None Established	NO	NO

**SECTION III - PHYSICAL DATA**

Boiling Point (F)..... >650°F  
Vapor Pressure (mmHG)..... N/A  
Vapor Density (Air=1)..... N/A  
Water Solubility..... Soluble in Hydrocarbons  
Specific Gravity ..... Approx 0.88  
Evaporation Rate (Butyl Acetate=1)    N/A  
Melting Point..... 130°F  
Freezing Point..... 32°F  
Appearance & Odor..... Red Semi-Solid - Odorless

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flammable**.....No  
**Combustible**.....No  
**Pyrophoric**.....No  
**Flash Point and Method**.....227°C (440°F) Test Method: Cleveland Open Cup  
**Autoignition Temperature**.....No Data  
**Flammable Limits in Air**.....LEL: N/A UEL: N/A  
**Extinguishing Media**.....Use dry chemical, foam, or carbon dioxide.  
**Special Fire Fighting Procedures**.....Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.  
**Unusual Fire and Explosive Conditions:** Dense smoke may be generated while burning. Carbon Monoxide, Carbon Dioxide, and other oxides may be generated as products of combustion.

**SECTION V - HEALTH HAZARD DATA**

**Eye Contact:** This product is minimally irritating to the eyes upon direct contact based on testing of similar products and/or components.  
**Skin Contact:** This product is minimally irritating to the skin upon direct contact based on testing of similar products and/or components.  
**Inhalation:** This product has a low vapor pressure and is not expected to present in inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. The permissible exposure limit (PEL) and threshold limit value (TLV) for this product as oil mist is 5 MG/M3. Exposures below 5 MG/m3 appear to be without significant health risk. The short-term exposure limit for this product as an oil mist is 10 MG/M3.  
**Ingestion:** Do not ingest. This product is practically non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea.  
**Health Data:** Petrolatum or petroleum jelly is a microcrystalline wax with a defined oil content. Microcrystalline waxes consist mainly if iso and cycloparaffins with some alkylated aromatic hydrocarbons. Petrolatums are nontoxic and some petrolatums have been approved for food and medicinal use. \*\*\*\*Exposure to a large single dose, or repeated smaller doses of petrolatum by inhalation, aspiration or ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic localized tissue reactions. Shortness of breath and cough are the most common symptoms. \*\*\*\* Petrolatum were not carcinogenic in mice when applied dermal or administered subcutaneously; or in rats when injected intraperitoneally or included in the diet for two years. This product is not carcinogenic according to the OSHA Hazard Communications Standard.

**SECTION VI - FIRST AID PROCEDURES**

**Eye Contact**..... Immediately flush eye with large amounts of water and continue flushing until irritation subsides. If material is hot, treat for thermal burns and take victim to hospital immediately.

**Skin Contact**..... Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

**Inhalation** This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, remove victim from exposure.

**Ingestion**..... DO NOT INDUCE VOMITING.

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#### **SECTION VII - REACTIVITY HAZARD DATA**

Stability	Stable
Hazard Polymerization	Will Not Occur
Conditions to Avoid	None
Incompatibilities	May react with strong oxidizing agents.
Hazardous Decomposition Products	None

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#### **SECTION VIII - SPILL AND DISPOSAL PROCEDURES**

**Steps to be Taken if Material is Released or Spilled:** Consult Health Hazard Data in Section V, Fire and Explosion Hazard Data Section IV and Reactivity Data in Section VII. Notify appropriate authorities of spill. Contain spill immediately. Do not allow spill to enter sewers or watercourses. Remove all sources of ignition. Absorb with appropriate inert material such as sand, clay, etc. Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

**Waste Disposal Method:** All disposals must comply with Federal, State and Local regulations. The material, if spilled or discarded, may be a regulated waste, refer to state and local regulations. CAUTION! If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

**Handling and Storage Requirements:** Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials. This product is not classified as Hazardous under DOT regulations. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106 - Flammable and Combustible Liquids.

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#### **SECTION IX - CONTROL AND PROTECTIVE MEASURES**

**Eye Protection:** Eye Protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

**Skin Protection:** No Skin Protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.). Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.

**Respiratory Protection:** Respiratory Protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

**Ventilation:** If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

**Other:** Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking or smoking.

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#### **SECTION X - SHIPPING HAZARD DATA**

**THIS MATERIAL IS NOT REGULATED AS A DOT HAZARDOUS MATERIAL**

Harmonized Schedule B - Commodity Code# 2712.10.0000 Check Digit 3

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