

Sosmetal #13162

MATERIAL SAFETY DATA SHEET

MSDS FORMAT MEETS ANSI Z400.1-1993

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE
PRODUCT NAME
MSDS REVISION NUMBER
DATE OF PREPARATION OR REVISION

13162
Super Gel

September 13, 1995

MANUFACTURER INFORMATION

Chem-Pak, Inc.
PO Box 1685
Winchester, VA 22604-8185
INFORMATION: 800-336-9828
EMERGENCY: 800-255-3924 (24hr)

SUPPLIER INFORMATION

Sosmetal Products, Inc.
2945 E. Tioga Street
Philadelphia, PA 19134
INFORMATION: 215-739-6200
EMERGENCY: 800-255-3924 (24hr)

Mfg. Part #: S5337CT

Supplier Part #:

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV	% WT
n-Heptane	142-82-5	400	400	40-45
Polyether Polyol	9038-95-3	N/E	N/E	35-40
Liquefied Petroleum Gas	68476-85-7	1000	1000	20-25
Quaternary Ammonium Compounds	68911-87-5	0.1 ²	0.1 ²	< 5

¹ Listed Values (mg/m³) for Oil Mist • ² Listed Values (mg/m³) for Nuisance Dust • N/E = None Established

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Contents Extremely Flammable and Under Pressure. Store below 120°F, out of sunlight and away from heat sources. Do not puncture or incinerate. Avoid contact with skin and eyes. Vapor harmful. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

HMIS Ratings: Health-1 Fire-3 Reactivity-0 Protective Equipment-B

POTENTIAL HEALTH EFFECTS

EYE: Liquid or vapors may cause redness, burning, tearing, swelling and/or pain.

SKIN: Frequent or prolonged contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INGESTION: Due to being an aerosol, product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat and gastrointestinal tract, resulting in vomiting and/or cramps.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, or confusion.

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate an existing dermatitis. Others unknown.

CARCINOGEN DATA: None of the ingredients in this product are listed with OSHA, IARC or NTP as being carcinogenic.

MATERIAL SAFETY DATA SHEET

MSDS FORMAT MEETS ANSI Z400.1-1993

4. FIRST AID MEASURES

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician for definitive treatment.

SKIN: Remove with soap and water. Continue flushing with water for several minutes. Use skin cream to counter resulting dryness. Consult a physician if irritation continues or if large skin area is affected.

INGESTION: Unlikely due to being in aerosol form. Should actual ingestion occur, do not induce vomiting! Drink a glass of water or milk to dilute. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

5. FIRE FIGHTING MEASURES

FLASH POINT: In container, propellant is less than 0°F (TCC). Flash point of liquid content once expelled from can is approximately 10°F (TCC).

FLAMMABLE LIMITS: Propellant: LEL: no data UEL: no data Liquid: LEL: 1.0% UEL 7.0%

EXTINGUISHING MEDIA: For warehouse and storage conditions, use NFPA Class B extinguishers (CO₂, dry chemical or universal aqueous film forming foam).

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed aerosol containers for containers can rupture violently from heat developed pressure.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents are extremely flammable and under pressure. In addition, when liquid or vapor comes into contact with flames or red hot metal, products of combustion will be created. Firemen should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal considerations.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of the EPA and other local, state and federal agencies should be observed.

7. HANDLING AND STORAGE

Avoid prolonged or repeated skin contact. Avoid breathing vapors. Store in area below 120°F. Do not incinerate (burn) containers. Assure can is in a secure place to prevent knocking over and accidental rupture. Always replace overcap when not in use. For storage of pallet quantities, compliance with ANSI/NFPA 30B is recommended

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required an appropriate NIOSH approved respirator for organic vapor should be

MATERIAL SAFETY DATA SHEET

MSDS FORMAT MEETS ANSI Z400.1-1993

14. TRANSPORTATION INFORMATION

DOT HM-181 INFORMATION

Proper Shipping Name:	Consumer Commodity
Hazard Class or Division:	ORM-D
Identification Number:	none
Packaging Group:	-
Label(s) Required:	none
Emergency Response Guide No.:	12

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name:	Aerosols, Flammable NOS
Class or Division:	2.1
Subsidiary Risk:	-
Hazard Label(s):	Flammable Gas
Packaging Group:	-
UN or ID Number:	UN1950

NATIONAL MOTOR FREIGHT CLASSIFICATION

Item:	50303
Article:	Compounds, Lubricating
Classes LTL/TL:	55/35

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT: All of the ingredients in this product are on the TSCA inventory.

SARA TITLE III, SECTION 313: The following ingredients are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: **NONE**

CLEAN AIR ACT (CAA): The following ingredients appear on the List of Hazardous Air Pollutants (HAP - 42 USC 7412, Title I, Part A, p112): **NONE**

CLEAN WATER ACT (CWA): The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): **NONE**

CALIFORNIA PROPOSITION 65: The following ingredients appear on the Proposition 65 List(s): **NONE**

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): The following ingredients are listed: *LPG, Heptane*

16. OTHER INFORMATION

No other data available

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MATERIAL SAFETY DATA SHEET

MSDS FORMAT MEETS ANSI Z400.1-1993

worn. If respirators are needed, a program must be established to assure compliance with OSHA standard 29 CFR 1910.134.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing such as Sol-Vex® gloves or other clothing impervious to the ingredients listed in section 2.

EYE PROTECTION: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

EXPOSURE GUIDELINE: Since this product is a mixture, an OSHA or ACGIH exposure value is not available. In determination of any exposure procedures, protection or testing, the lowest rated ingredient from Section 2 should be used.

ENGINEERING CONTROLS: General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be needed to control air contamination below that of the lowest TLV/PEL rated ingredient from Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	Propellant < 0°F
VAPOR PRESSURE:	No data
VAPOR DENSITY (Air=1):	Above 1.0
WATER SOLUBILITY:	Negligible
SPECIFIC GRAVITY (H ₂ O=1):	Below 1.0
EVAPORATION RATE:	No Data
PERCENT VOLATILE:	63.0 % Wt Max
APPEARANCE AND ODOR:	Clear colorless liquid, mild petroleum odor

10. STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARD POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Heat, sparks, flame, red hot metal
INCOMPATIBILITIES:	Strong oxidizing materials
DECOMPOSITION PRODUCTS:	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50:	No data
ACUTE DERMAL LD50:	No data
ACUTE INHALATION LC50:	No data

12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

13. DISPOSAL CONSIDERATIONS

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.