

Material Safety Data Sheet MOLYTEC Spraysafe Aerosol SPRAYSAFE SILICONE M808

NOT Classified as hazardous according to criteria of NOHSC.

1. Chemical Product / Company Identification

Product Name: **Moly808 Spraysafe Silicone**
Product Type: Silicone Spray
Product Size: 250g Aerosol Part No. M808
Proper Shipping Name: Aerosol UN No.: 1950 DG Class: 2
Sub Risk: Nil Hazchem Code: 2Y Poisons Schedule: n/a
Product Use: Silicone Lubricant

2. Hazards Identification

Hazard Category Xi Irritant
F Flammable
Risk Phases R10 Flammable
R36 Irritating to eyes
R37 Irritating to respiratory system

3. Composition and Information on Chemical Ingredients

Chemical Entity	CAS No.	Proportion
Food Grade Silicone	63/48	Medium
Hydrocarbon Propellant	106	High

4. First Aid Measures

Swallowed: Do not induce vomiting. Give milk or water. Seek Medical advice.
Eye: Rinse eyes immediately with water for at least 15 minutes. Seek medical advice.
Skin: Wash affected areas with mild soap and water. Remove contaminated clothing.
Inhaled: Remove to fresh air, if breathing difficulty persists, seek medical advice.
First Aid Facilities: No special facilities required.
Advice to Doctor: Refer to First Aid above.

5. Fire Fighting Measures

(See Section 9 Physical and Chemical Properties for Autoignition temp, exposure limits, etc.)

Flammable Limits: % Volume LEL: 1.5 UEL: 9.6
Types of extinguisher/Agent: Foam, Dry Chemical or Carbon Dioxide
Precautions: Product is Flammable

6. Accidental Release Measures

SPILLS: If aerosols are leaking, absorb liquid with sand, sawdust etc.
Minimising Spills/Leaks: Product is easily contained. may be slippery.
Clean Up Spills/Leaks: Transfer product into a container.
Precautions For Cleanup: None apart from precautions noted above.
Special Equipment Req.d: None.
Disposal Containers: Steel drums preferred.
Incineration/ Landfill Considerations: Treat as solid waste

7. Safe Handling Information

Storage:

- Store in original containers in approved flameproof area
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- No smoking, naked lights, heat or ignition sources.
- Keep containers securely sealed. Contents under pressure.
- Store away from incompatible materials.
- Store in a cool, dry, well ventilated area in an upright position out of direct sunlight.
- Avoid storage at temperatures higher than 40°C
- Protect containers against physical damage and check regularly for leaks.

8. Exposure Control and Personal Protection

Personal Protection

Respirator Type: Not considered necessary

Gloves: Use of protective gloves is good industrial practice. Gloves should prevent contact between skin and product.

Eye Protection: As a precaution use chemical safety goggles. Not considered necessary if used according to can instructions.

Clothing: Clothing should be suitable to avoid product contacting the skin on a prolonged or repeated basis.

Other: None.

Flammability

Fire Hazards -Heat or damage to containers may release flammable gases

- Containers will explode when heated – ruptured containers will rocket
- Released gases may form explosive mixtures with air in confined spaces
- Released gases may travel to source of ignition and flash back
- Organic chemicals may form flammable dust clouds in air; will burn if involved in fire
- Fire may produce irritating, poisonous and/or corrosive gases.

9. Physical and Chemical Properties

Appearance & Odour: Colourless liquid with no odour

Boiling Point: -35°C

Specific Gravity: Approximately 0.57g/ml

Solubility in Water: Immiscible

% Volatiles by Vol. Approximately 80%

10. Stability and Reactivity

- Vapour is highly flammable
- Severe fire hazard when exposed to heat or flame
- Vapour forms explosive mixture with air
- Vapour may travel considerable distance to source of ignition
- Heating may cause expansion with violent container rupture
- Aerosol cans may explode on exposure to naked flames
- Rupturing containers may rocket and scatter burning materials
- Hazards may not be restricted to pressure effects
- Organic chemicals may form flammable dust clouds in air; will burn if involved in fire
- May emit acrid, poisonous or corrosive fumes
- On combustion, may emit toxic fumes of carbon monoxide (CO)
- Other combustion products include carbon dioxide (CO₂)

Conditions to avoid: See "Safe Handling Information" (Section 7).