

**MATERIAL SAFETY
DATA SHEET**

3M
3M Center
St. Paul, Minnesota 55144
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Form 15593-C PWO

DUNS NO.: 00-617-3082

Chemical Family

Trade Name
3M Super 77

3M I. D. Number 62-4434-4935-0

AC&S Division

1. INGREDIENTS

	CAS. #	%	TLV® (unit)
Hexane	* See below	~ 34	50 ppm
Cyclohexane	110-82-7	~ 11	300 ppm
Styrene/butadiene elastomer, terpene resin, wood rosin and an antioxidant		~ 25	
Propane/isobutane/dimethylether propellant		~ 30	

2. PHYSICAL DATA

Boiling Point	Compressed gas	Solubility in Water	Nil
Vapor Pressure	Compressed gas	Specific Gravity (H ₂ O=1)	N.A.
Vapor Density (Air = 1)	> 1	Percent Volatile	75
Evaporation Rate (ether =1)	> 1	pH	N.A.
Appearance and Odor	Light amber liquid		

3. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method)	-50° F. Propellant	Flammable Limits:	LEL = ~1 UEL = 7.0
Extinguishing Media	CO ₂ , foam, dry chemical		
Special Fire Fighting Procedures	Treat as pressurized container		

Unusual Fire and Explosion Hazards Treat as pressurized container

4. ENVIRONMENTAL INFORMATION

Spill Response Observe all precautions in Section 8. If any cans rupture, extinguish all ignition sources and vent spill area to dissipate fumes before collecting cans in sturdy container. A metal container is preferred. Observe precautions and use special protection as recommended in following sections.

Recommended Disposal Do not puncture or incinerate can in household incinerator. Commercial incineration with destruction and removal efficiency greater than 99.99% is preferred. Otherwise dispose in accordance with local and current U.S. Environmental Protection Agency regulations. Empty cans may be disposed in a sanitary landfill or commercial incinerator in accordance with local regulations - U.S.EPA Hazardous Waste Number D001 (ignitable).

CAS NO. HEXANE: 110-54-3 hexane; 107-83-5 2-methyl pentane; 96-14-0 3-methyl pentane;
96-37-7 methyl cyclopentane; 110-82-7 cyclohexane

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5. HEALTH HAZARD DATA

Eye Contact Direct contact is mildly irritating to the eyes.

Skin Contact Prolonged skin exposure may defat skin leading to irritation and dermatitis.
Acute studies indicated product to be non-irritating to skin of albino rabbits.

Inhalation Concentrated vapors may produce headache, dizziness and possibly unconsciousness. Inhalation studies conducted revealed no systemic changes in the test animals.

Ingestion May cause gastrointestinal irritation, nausea and vomiting.

Suggested First Aid

Eye contact: Immediately flush eyes with plenty of water for at least 10 minutes and call a physician.

Skin contact: Wash with soap and water.

Inhalation: Provide fresh air.

6. REACTIVITY DATA

STABILITY	<input type="checkbox"/> Unstable	Conditions to Avoid
	<input checked="" type="checkbox"/> Stable	

INCOMPATIBILITY	Materials to Avoid
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HAZARDOUS POLYMERIZATION	<input type="checkbox"/> May Occur	Conditions to Avoid
	<input checked="" type="checkbox"/> May Not Occur	

Hazardous Decomposition Products

CO, CO₂ and smoke particles when subjected to excessive heat or flame.

7. SPECIAL PROTECTION INFORMATION

Eye Protection

Safety glasses

Skin Protection

Ventilation

Local exhaust preferred - mechanical for low usage.

Respiratory and Special Protection

As required.

Other Protection

8. PRECAUTIONARY INFORMATION

Keep product away from heat, sparks and open flame. Do not store above 120° F. Store in a cool dry place away from direct sunlight. Use only in well ventilated areas. Avoid eye and skin contact. Avoid prolonged breathing of vapors. Keep out of reach of children.

9. DEPARTMENT OF TRANSPORTATION

DOT Proper Shipping Name

COMPRESSED GAS, NOS

DOT Hazard Class

FLAMMABLE GAS UN1954

Issue Date

April, 1983

Supersedes

NEW

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any process is the responsibility of the user.