

Material Safety Data Sheet

Pro44 Synthetic Spray Grease

May be used to comply with OSHA's Hazard Communication Standard.
29 CFR 1910.1200 Standard must be consulted for specific requirements.

QUICK IDENTIFIER
Common Name: (used on Label and list)

SECTION 1- MANUFACTURER

Manufacturer's
Name

Aerospace Lubricants, Inc.

Address

1600 Georgesville Road

Emergency
Telephone No.

614-878-3600

City, State, and Zip

Columbus, Ohio 43228

Other
Information
Calls

614-878-3600

Signature of Person



Date **FEB 11, 2005**

Responsible for Preparation **Stephen E. Gates**

Prepared Rev. D

HEALTH **1**

FLAMMABILITY **1**

REACTIVITY **0**

PERSONAL PROTECTION **B**

SECTION 2- HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
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No hazardous components were knowingly incorporated into this lubricant

Flammable propellant: Propane-Butane mixture

General Motors Number assigned to Alisyn Pro21 Synthetic Spray Grease

HMC # 326191

Common Code # 91-1235T

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	of lubricant not available	Specific Gravity (H O=1)	0.98	Vapor Pressure (mm Hg)	690 @ 70°F
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Vapor Density (Air=1) **N/A**

Solubility in Water	Negligible	Reactivity in Water	Negligible
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Appearance and Odor	Tan grease with faint ethereal odor	Melting Point	Above 550°F
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SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	435°F	Method Used	ASTM D92	Flammable Limits in Air % by Volume	N/A	LEL Lower	N/A	UEL Upper	N/A
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Auto-Ignition Temperature	Above 500°F	Extinguisher Media	CO ₂ , dry chemical, foam, water spray
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Special Fire Fighting Procedures: Wear NIOSH self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Use water to cool containers and flush spills. Avoid breathing smoke.

Unusual Fire and Explosion Hazards: Product is contained in aerosol cans which can explode when heated above 125°F. Avoid breathing thermal decomposition products.

Decomposition at temperatures above 290°C may cause the evolution of toxic gaseous fluorine compounds.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Pro44 Synthetic Spray Grease

Stability Unstable Conditions to Avoid **Strong Oxidizers. Will decompose at temperatures above 250°C.**

Incompatibility (Materials to Avoid) **Oxidizing material can cause a reaction.**

Hazardous Decomposition Products **Fluorine products, CO₂, traces of incompletely burned carbon.**

Hazardous polymerization May Occur Will Not Occur **None Known**

SECTION 6 - HEALTH HAZARDS

1. Acute **None** 2. Chronic **None**

Signs and Symptom of Exposure **Prolonged and repeated contact with skin may cause skin irritation.**

Medical Condition Generally Aggravated by Exposure **No known medical condition that might be aggravated by exposure.**

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Emergency and First Aid Procedures **Skin contact: Wipe off and wash with soap and water.**

ROUTES OF ENTRY

- 1. Inhalation **Remove to fresh air, if necessary seek medical attention.**
- 2. Eyes **Flush with water, get medical attention.**
- 3. Skin **Wipe off and wash with soap and water.**
- 4. Ingestion **No known adverse effects are known, consult physician.**

SECTION 7 - SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage **Store in cool well ventilated area of low fire risk; avoid breathing vapors. use self contained breathing apparatus if over 1,000 ppm TLV.**

Other Precautions **Toxic vapors may evolve above 550°F; provide adequate ventilation if used above this temperature.**
Avoid spills; causes slippery surfaces, Use safety glasses.

Steps to be Taken in Case Material is Released or Spilled **Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor. Collect waste materials for salvage or disposal.**

Waste Disposal Methods (Consult federal, state, and local regulations) **Dispose of in accordance with current Federal, State, and Local Regulations.**

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) **Use self-contained breathing apparatus if over 1,000 ppm TLV**

Ventilation	Local Exhaust	Not required	Mechanical (General)	Recommended	Special	Other
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Protective Gloves **Plastic disposable**

Other Protective Clothing or Equipment **Plastic apron, fabric laboratory coat recommended.**

Work/Hygienic Practices **Do not contaminate smoking materials. Wash hands and/or contaminated area after exposure.**