

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AIRBRUSH PROPELLANT

Product Code: N-12

MANUFACTURER'S NAME: Paasche Airbrush Co

ADDRESS: 4311 N Normandy Ave

Chicago, IL 60634

EMERGENCY PHONE : 773-867-9191

INFORMATION PHONE : 773-867-9191

Product Use: Propellant for portable airbrushes

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Flammable aerosol

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Gas under pressure

Liquefied gas



**SIGNAL WORD:** Danger

### Hazard Statements

Extremely flammable aerosol

Contains gas under pressure; may explode if heated

### Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces – No smoking

Do not spray on an open flame or other ignition source

Pressurized container – Do not pierce or burn, even after use

Protect from sunlight. Store in a well ventilated place

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Percent
DIFLUOROETHANE	75-37-6	100.00

## 4. FIRST AID MEASURES

**INHALATION:** Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

**EYE CONTACT:** Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

**SKIN CONTACT:** Treat for frostbite. Wash with soap and water. Get medical attention if irritation persists.

**INGESTION:** Not a likely route of exposure.

**Most important symptoms/effects, acute and delayed:** Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness.

**Indication of immediate medical attention and special treatment needed:** None known.

#### 5. FIRE FIGHTING MEASURES

**Suitable and unsuitable extinguishing media:** Foam, Alcohol foam, CO2, Dry chemical, Water fog. Water spray may be ineffective.

**Specific hazards arising from the chemical:** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include smoke, carbon monoxide, hydrogen fluoride, fluorinated compounds and other products of incomplete combustion. Oxides of nitrogen and sulfur may also be formed.

**Special equipment and precautions for fire-fighters:** Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. Wear goggles and use self-contained breathing apparatus. If water is used, fog nozzles are preferred.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Protect against contact with liquid.

**Methods and materials for containment and cleaning up:** Clean up residue with absorbent material and place in closed containers for disposal.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

**Conditions for safe storage, including any incompatibilities:** Store and use in cool, dry, well-ventilated areas. Do not store above 120 F.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
DIFLUOROETHANE 75-37-6	Not established	TWA: 1000 ppm	

**Appropriate engineering controls:** Ventilation should be sufficient to prevent inhalation of any vapors. General dilution and/or local exhaust ventilation in volume to keep PEL/TLV of most hazardous ingredient below acceptable limit and IEL below stated limit.

**Individual protection measures:**

**Respiratory protection:** None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**Protective gloves:** None under normal use. Use solvent-resistant for prolonged or repeated contact.

**Eye protection:** None under normal use. However, use of safety glasses with splash guards or full face shield should be used if indicated.

**Other protective clothing or equipment:** None under normal use. However, use of solvent-resistant aprons or other clothing is recommended. Eye washes and safety showers in the workplace are recommended.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Aerosol product	<b>Odor:</b> Slight ethereal
<b>Vapor Pressure:</b> 62.5 psig	<b>Odor threshold:</b> Not determined
<b>Vapor Density:</b> Heavier than air	<b>pH:</b> Not applicable
<b>Density:</b> 0.908987133	<b>Melting point:</b> Not determined
<b>Freezing point:</b> Not determined	<b>Solubility:</b> Not determined
<b>Boiling point:</b> N/A	<b>Flash point:</b> -58 F
<b>Evaporation rate:</b> Faster than ether	<b>Flammability:</b> Level 1 Aerosol
<b>Explosive Limits:</b> LEL 3.9%; UEL 16.9%	<b>Partition coefficient (n-octanol/water):</b> Not determined
<b>Autoignition temperature:</b> Not determined	<b>Decomposition temperature:</b> Not determined
<b>Viscosity:</b> Not determined	

#### 10. STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of use.

**Chemical stability:** Stable under normal storage and handling conditions.

**Possibility of hazardous reactions:** None known.

**Incompatible materials:** Alkali or alkaline earth metals, powdered metal, powdered metal salts.

**Hazardous decomposition products:** Carbon oxides, hydrogen fluoride, carbonyl fluoride, fluorocarbons.

#### 11. TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product.

#### 12. ECOLOGICAL INFORMATION

Long-term ecological studies have not been conducted for this product.

#### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this document for hazard cautionary information.

#### 14. TRANSPORT INFORMATION

By land: DOT Proper Shipping Name: UN1030, 1,1-Difluoroethane, 2.1, SP-11516

By water: DOT & IMDG Proper Shipping Name: UN1030, 1,1-Difluoroethane, 2.1

By air: Forbidden

**15. REGULATORY INFORMATION**

All ingredients are either listed on the TSCA inventory or are exempt.

**16. OTHER INFORMATION**

Date revised: 2015-06-02

Revision 0

Date Printed: 2015-06-02

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