

SAFETY DATA SHEET

1. Identification

Product Identifier: Flex-Flash™ Spray Adhesive – #79 Hi-Performance Spray Adhesive Manufacturer: Telephone Numbe

Hohmann & Barnard, Inc. 30 Rasons Court Hauppauge, NY 11788 (631) 234-0600 www.h-b.com Telephone Numbers During normal business hours call: (800) 645-0616 24-hour emergency call Chemtrec: (800) 255-3924

2. Hazards Identification

POTENTIAL HEALTH EFFECTS:

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation

Eyes: Irritation **Ingestion:** Possible chemical pneumonitis is aspirated into lungs. **Carcinogenicity:** Listed with NTP, ARC Monograph, OSHA as a potential carcinogen **Chronic Effects:** Excessive inhalation of hexane may cause nerve damage.

GHS Ratings:

Flammable Aerosol: 1 Self-reactive Substance: C,D Oral Toxicity: Acute 4 Dermal Toxicity: Acute 4 Eye Irritation: 2 Inhalation Toxicity: 3 Respiratory Tract Irritation: 3 Narcotic Effects: 3 Repeated Exposure: 2

GHS Hazards:

- H222 Extremely flammable aerosol
- **H241** Heating may cause a fire or explosion
- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H319 Causes serious eye irritation
- H331 Toxic if inhaled
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H373 Causes damage to organs through prolonged or repeated exposure

GHS Precautions:

- **P210** Keep away from heat/sparks/open fl ames/hot surfaces. No smoking.
- **P211** Do not spray on an open fl ame or other ignition source.
- P220 Keep/Store away from clothing/.../combustible materials.
- P234 Keep only in original container.
- **P251** Pressurized container: Do not pierce or burn, even after use.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- **P270** Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- **P311** Call a POISON CENTER or doctor/physician.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.

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P314 Get medical advice/attention if you feel unwell.

- **P321** Specific treatment (see section 4).
- P322 Specific measures (see section 7).
- P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

P301+P312

IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P302+P352

IF ON SKIN: wash with plenty of soap and water.

P304+P340

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P337+P313

IF eye irritation persists: Get medical advice/attention.

P370+ P378

In case of fi re: Use foam, dry chemical, carbon dioxide, or water for extinction.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P380+P375

In case of fi re: Evacuate area. Fight fi re remotely due to the risk of explosion.

P405 Store locked up.

P411 Store at temperatures not exceeding 130°F

P420 Store away from other materials.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P403+P235

Store in a well-ventilated place. Keep cool.

P410+P412

- Protect from sunlight. Do not expose to temperatures exceeding 122 °F/50 °C.
- P501 Dispose of contents/container to federal regulations.

Signal Word: Danger

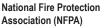


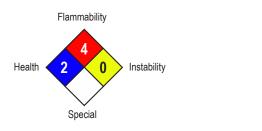
3. Composition/Information on Ingredients

Chemical Name (Hazardous Components 1% or greater) Carcinogens (0.1% or greater)	Cas Number 111 list	SARA	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source*
ACETONE	67-64-1	NO	1000	750	D*
HEXANE	110-54-3	YES	50	50	D*
ISOBUTANE/PROPANE BLEND	75-28-5	NO	800	800	D*
	74-98-6	NO	1000	1000	D*

Hazardous Material Information System (HMIS)







HMIS & NFPA Hazard Rating Legend

* = CHRONIC HEALTH HAZARD 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH

4. First-Aid Measures

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. **Skin contact:** Wash with soap and water. If irritated, seek medical attention. **Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention. **Ingestion:** <u>DO NOT INDUCE VOMITING.</u> Drink two large glasses of water. Get immediate medical attention.

5. Fire-fighting measures

FLASH POINT: N/A EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water. HAZARDOUS COMBUSTION PRODUCTS: No data found SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing & exploding containers. Provide shielding for personnel. UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not expose aerosols to temperatures above 130°F or the container may rupture.

6. Accidental release measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with suitable medium. WASTE DISPOSAL METHODS: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. CLEAN WATER ACT REQUIREMENTS: No data found. RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS: No data found.

7. Handling and storage

KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources. Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

8. Exposure controls/personal protection ENGINEERING CONTROLS: No data found. ADMINISTRATIVE CONTROLS: No data found.

PERSONAL PROTECTIVE EQUIPMENT **RESPIRATORY PROTECTION (SPECIFIC TYPE):** If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode. **PROTECTION GLOVES:** Neoprene

OTHER PROTECTIVE CLOTHING & EQUIPMENT: None HYGIENIC WORK PRACTICE: Wash with soap and water before handling food. Remove contaminated clothing.

VENTILATION

Adequate ventilation to keep vapor concentration below TLV.

9. Physical and chemical properties

Boiling Point: N/A Vapor Pressure: PSIG @ 70 F (Aerosols): Max 80 Vapor Density (Air = 1): N/E Solubility in Water: Partial Appearance: Straw colored liquid Specific Gravity (H2O=1): Concentrate Only = .853 Vapor Pressure (Non-Aerosols)(mm Hg and Temp): N/A Evaporation Rate (=1): N/E Water Reactive: Nb Odor: Ketone solvent odor.

10. Stability and reactivity STABILITY: Stable HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Open flame, welding arcs, heat, sparks INCOMPATIBLE MATERIALS: Strong oxidizing agents

11. Toxicological information ROUTES OF ENTRY: Inhalation, Skin absorption TARGET ORGANS: Lungs CARCINOGENICITY: Listed with NTP, ARC Monograph, OSHA as a potential carcinogen OVEREXPOSURE: May aggravate existing eye, skin, or upper respiratory conditions.

ACUTE EFFCTS

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation **Eye Contact:** Irritation

Ingestion: Possible chemical pneumonitis is aspirated into lungs.

CHRONIC EFFECTS: (effects due to excessive exposure to the raw materials of this mixture). Excessive inhalation of hexane may cause nerve damage.

12. Ecological Information

No data found.

13. Disposal Considerations

Incinerate or landfill according to federal regulations. DO NOT FLUSH TO SEWER.

14. Transport information

No data found.

15. Regulatory Information

No data found.

16. Other information

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