

1. Identification

Product Identifier: **Flex-Flash™ Spray Adhesive – #79 Hi-Performance Spray Adhesive**

Manufacturer:

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 flames/hot surfaces. — No smoking.

P211 Do not spray on an open flame 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.

- 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 fire: 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 fire: Evacuate area. Fight fire 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



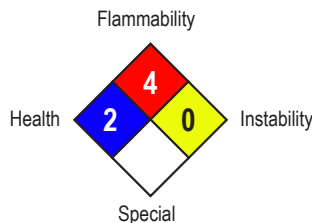
3. Composition/Information on Ingredients

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)**

**National Fire Protection
Association (NFPA)**

Health	2
Flammability	4
Physical Hazard	0
Personal Protection	B



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: DO NOT INDUCE VOMITING. 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 EFFECTS

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

Issue Date: May 31, 2015

Revision Date: May 31, 2015

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