

Creative Chemical Solutions Ltd.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME (S) **Blair Adhesive Spray**
 PRODUCT NO. **01-82490**
 MANUFACTURED BY: **Creative Chemical Solutions Ltd.**
26055 Emery Road (Suite C)
Cleveland, OH 44128
 216-765-0620
 PREPARATION DATE August 18, 2004
 PREPARED BY

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA HAZARDOUS INGREDIENTS TABLE

<u>CHEMICAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>
2-Propanone	67-64-1	1000 ppm	500 ppm	750 ppm STEL
*Hexane	110-54-3	50 ppm	50 ppm	
Liquefied Petroleum Gas	68476-86-8	Unknown	1000 ppm	

* Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372.

3. HAZARDS IDENTIFICATION

HMS RATING: Health 1, Flammability 4, Reactivity 0

NFPA RATING: Toxicity 1, Flammability 4, Reactivity 0

HEALTH EFFECTS

Inhalation	High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, headache, or indigestion.
Eye Contact	Direct spray or vapors may cause mild irritation. Symptoms include stinging, tearing, and redness.
Skin Contact	May cause mild irritation. Prolonged or repeated contact may dry the skin. Symptoms include redness, burning, drying and cracking of skin, and skin burns.
Ingestion	Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This can result in lung inflammation and other lung injury.

PRIMARY ROUTES OF EXPOSURE: Inhalation, eye/skin contact.

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

ANY INGRED. LISTED CARCINOGEN: **OSHA** Not listed. **IARC** Not listed. **NTP** Not listed.

4. FIRST AID

Inhalation	Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.
Eye Contact	Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
Skin Contact	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.
Ingestion	DO NOT INDUCE VOMITING unless directed by a physician or poison control center. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Extinguisher Media Foam, Dry Chemical (B-C), CO₂
Flame Projection Data > 36" (91.44 cm)
Flammability **EXTREMELY FLAMMABLE**

UNUSUAL HAZARDS: Do not expose to temperatures exceeding 120°F as containers may vent, rupture or burst.

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers. Avoid use of any sources of ignitions.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR CLEANING UP LEAKS AND SPILLS: Eliminate all ignition sources. Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with regulations.

7. HANDLING, STORAGE, AND DISPOSAL

HANDLING: Use with adequate ventilation. Make sure containers are properly grounded before use or transfer of material. Sparks may form that may ignite the vapors. Deliberately concentrating and inhaling the contents of this container may be harmful and fatal. Keep out of reach of children. Wash hands thoroughly after each use.

STORAGE: Do not use or store near heat, sparks, or flame. Do not store at temperatures above 120°F.

Keep out of reach of children.

DISPOSAL: Dispose of waste material in accordance with state, local, and federal regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

See Section 2 for applicable exposure limits.

ENGINEERING CONTROLS: Maintain adequate ventilation to maintain below exposure limits (TLV(s)).

PERSONAL PROTECTIVE EQUIPMENT: Use respirator only as a last resort to control exposure when engineering controls are not feasible.

Wear chemical-resistant **GLOVES** if repeated skin contact occurs or causes irritation.

Wear **SAFETY GLASSES** or **GOGGLES** to prevent eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Mixture packaged in pressurized aerosol spray can
Appearance and Odor	White liquid with solvent odor.
Specific Gravity(concentrate)	0.635 – 0.705 g/mL
Solubility in Water	Insoluble
pH	Not applicable
Evaporation Rate (BuAc=1)	>1.00
Volatile Organic Content (CARB)	64.96%
Boiling Point	>100°F(estimated)

10. STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: Do not use or store near heat, sparks, or flames.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Avoid contact strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, various hydrocarbons.

11. OTHER INFORMATION

WARNING: This product contains chemical(s) known to the state of California to cause cancer/reproductive harm.

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.