

HMIS RATING	
Health	2
Flammability	4
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	4
Reactivity	0
NFPA 308 LEVEL	
3	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-937
PRODUCT NAME 080 HIGH-STRENGTH SPRAY
ADHESIVE
CHEMICAL FAMILY Adhesive
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
*n-Hexane (110-54-3)	500ppm	50ppm	-	30-40
Propane/Isobutane/n-Butane (74-98-6)	1000ppm	1000ppm	-	20-30
Heavy Duty Trim Adhesive (mixture)	50ppm	50ppm	-	20
2-Propanone (67-64-1)	750ppm	750ppm	1000ppm	15

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE)	-43°F to 200°F
VAPOR PRESSURE PSIG @ 70°F	80-80
VAPOR DENSITY (AIR = 1)	Heavier than air
SOLUBILITY IN WATER	Negligible
SPECIFIC GRAVITY (H ₂ O = 1)	0.6941
MELTING/FREEZING POINT	N/A
EVAPORATION RATE (Butyl Acetate=1)	<1
VOC content (by weight)	3.78
APPEARANCE AND ODOR	Clear Solvent

4. FIRE AND EXPLOSION DATA

FLASHPOINT	-156°F
UPPER EXPLOSIVE LIMIT (%)	12.8%
LOWER EXPLOSIVE LIMIT (%)	1.0%
EXTINGUISHING MEDIA	Water fog, CO ₂ , Foam, Dry chemical.
SPECIAL FIREFIGHTING PROCEDURES	Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.
FIRE AND EXPLOSION HAZARDS	Heated cans may burst.
NFPA Flammability Hazard	4

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY	Ingestion, Inhalation, Skin.
HEALTH HAZARDS (ACUTE AND CHRONIC)	May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of the skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver, or kidney damage. The solvents listed have been reported to effect the central nervous system. Hexane may damage peripheral nerve tissue. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.
EYE CONTACT	Eye irritant.
INGESTION	Vomiting. Ingestion may result in possible corrosive action in mouth, stomach and digestive tract.
INHALATION	Difficulty in breathing.
SKIN CONTACT	Skin sensitization is possible. Redness.
MEDICAL CONDITIONS	Heart disease; respiratory disorders may be aggravated by exposure.

5. HEALTH EFFECTS DATA (CONT'D)

FIRST AID PROCEDURES

EYE CONTACT	Wash for 15 minutes. Get medical attention.
SKIN CONTACT	Wash skin for 15 minutes. Get medical attention.
INHALATION	Give oxygen. Get medical attention.
INGESTION	If swallowed, do NOT induce vomiting. Ingestion may result in possible corrosive action in mouth, stomach, and digestive tract. Get medical attention. Never administer adrenaline following exposure.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Presently not on any lists.

6. REACTIVITY

STABILITY	Stable.
INCOMPATIBILITIES	Strong oxidizers, strong bases, mineral acids, strong alkalis.
HAZARDOUS DECOMPOSITION	Oxides of carbon, oxides of nitrogen and may produce forms of chlorine, chloride and phosgene.
HAZARDOUS POLYMERIZATION	Will not occur.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT

REQUIREMENTS	Wear eye protection. Ventilation. Long sleeves and long pants.
WASH REQUIREMENTS ..	Wash with soap and water after use.
SPILL OR LEAK PROCEDURES	Use absorbent sweeping compound to soak up material. Put into waste container. Dispose of as hazardous waste.
WASTE DISPOSAL METHODS	Dispose of as hazardous waste in accordance with EPA, RCRA, local, state, and federal regulations.
HANDLING & STORAGE ...	Keep away from heat, sparks, and flames. Store at temperatures below 120 °F.
OTHER PRECAUTIONS	When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator with an organic vapor cartridge.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstances where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**

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