

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY SPRAY ON ADHESIVE 310 (120075)	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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Section I

D.O.T. Hazard Class.: ORM-D

Manufactured For: Beaver Research Company	Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road, Portage, MI 49002	Telephone Number For Information 269-382-0133
NFPA RATING: Health - 2; Flammability - 3; Reactivity - 0; Special - 0 HMIS RATING: Health - 2; Flammability - 3; Reactivity - 0; Personal Protection: B	Date Prepared 12/06/01
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Carcinogen Ref. Source	SARA III LIST
Acetone	67-64-1	1000	750	d	No
Hexane	110-54-3	50	50	d	Yes
Isobutane/Propane Blend	75-28-5 74-98-6	800 1000	800 1000	d d	No No

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1) Concentrate Only	0.76
Vapor Pressure: PSIG @ 70°F (Aerosols):	Max. 80	Melting Point	N/A
Vapor Density (AIR = 1)	N/E	Evaporation Rate (Butyl Acetate = 1)	N/E
Solubility in Water Partial	Total VOC 70%		

Appearance and Odor

Straw colored liquid with ketone solvent odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits Extremely flammable.	LEL N/E	UEL N/E
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Extinguishing Media

Foam, dry chemical, carbon dioxide, water.

Special Fire Fighting Procedures

Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing and 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.

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable		

Incompatibility (Materials to Avoid)

Strong oxidizing agents.

Hazardous Decomposition or Byproducts

CO, CO₂, HC1, small amounts of phosgene and chlorine.

Hazardous Polymerization	May Occur	Conditions to Avoid	Open flame, welding arcs, heat, sparks.
	Will Not Occur		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	No

Health Hazards (Acute and Chronic)

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

Eye Contact: Irritation. **Skin:** Irritation due to defatting of skin. **Ingestion:** Unlikely route of exposure. Possible chemical pneumonitis if 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.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

May aggravate existing eye, skin, or upper respiratory conditions.

Emergency and First Aid Procedure

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.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Absorb with suitable medium. Incinerate or landfill according to local, state, or federal regulations. DO NOT FLUSH TO SEWER.

Waste Disposal Method

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions to be Taken in Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.

Ventilation	Local Exhaust	Adequate	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

Neoprene.

Eye Protection

Safety glasses recommended.

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

Wash with soap and water before handling food. Remove contaminated clothing.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

**Chemical Listed as Carcinogen or Potential Carcinogen. [a]NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only.