



Material Safety Data Sheet

Topsol Adhesive Solvent

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

REVISION DATE: 12-24-2005
SUPERCEDES: None
SYNONYMS: None

Vapon, Inc.
299-B Fairfield Avenue - Fairfield - NJ 07004 - 1-800-443-8856

Customer service telephone: 1-800-443-6656
Emergency telephone number: Chemtrec - US: 1-800-424-9300; International: 1-703-527-3887

Product name: Topsol Adhesive Solvent (previously called Adsol) - AS, ASQ

2. HAZARDS IDENTIFICATION

Emergency overview: Flammable.
Inhalation of high vapor concentrations can cause CNS-depression and narcosis
Irritating to eyes.
May be harmful if swallowed.

This material is a controlled product under WHMIS.

Properties affecting health: Irritating to eyes.
May be harmful if swallowed.

Principle routes of exposure:

Eye Contact: Moderate eye irritation.
Skin contact: May aggravate pre-existing dermatitis May cause skin irritation or acute contact dermatitis.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation: May affect the central nervous system. May cause irritation to the upper respiratory tract.

Physico-chemical properties: In use, may form flammable/explosive vapour-air mixture.

Hazard information:

Target organ effects: Kidney
Eyes
CNS
Lungs
Liver

Reproductive effects: Unknown on product.
Mutagenic effects: Unknown on product.
Sensitization: Sensitization is not expected.

Components	CAS Number	J & J
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	64742-48-9	O
ETHYL ACETATE	141-78-6	O

Signs and symptoms: Prolonged skin contact may cause skin irritation and/or dermatitis

Medical conditions aggravated by exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	64742-48-9	>50
ETHYL ACETATE	141-78-6	20-30
BENZYL ALCOHOL	100-51-6	5-10

4. FIRST AID MEASURES

Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
Skin contact:	Wash contaminated areas thoroughly with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Ingestion:	Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Immediately give large quantities of water to drink. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately. Aspiration may cause pulmonary oedema and pneumonitis.
Inhalation:	Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
Protection of first-aiders:	Wear suitable gloves and eye/face protection.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use dry chemical, CO2 water fog or alcohol foam.
Extinguishing media which must not be used for safety reasons:	None.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus and protective suit.
Specific methods:	Use water spray to cool fire-exposed containers. This material creates a fire hazard because it floats on water.
Hazardous combustion products:	Carbon dioxide and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear eye and skin protection. Ensure adequate ventilation.
Environmental precautions:	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. Collect and discard into appropriate container, then dispose of in accordance with all applicable federal, state and local regulations.
Methods for cleaning up:	Clean contaminated surface thoroughly. Wear protective gloves and clothing. All waste must be placed in a sealable, properly labeled waste disposal bag. Keep away from sources of ignition - No smoking

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions:	Wear protective safety glasses, gloves and clothing.
Safe handling advice:	Wear disposable gloves while handling reagents. Thoroughly wash hands afterwards. Avoid contact with skin and eyes.
Storage:	
Technical measures/storage conditions:	Keep containers tightly closed in a cool, well-ventilated place. Avoid contact with heat, sparks, flames or other sources of ignition. Do not overheat containers-store in a cool, dry area.
Incompatible products:	Keep away from sources of ignition or fires., Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Components	ACGIH (TWA - 8hr)	ACGIH (STEL)	ACGIH (Ceiling)	OSHA (TWA - 8hr)	OSHA (STEL)	OSHA (Ceiling)
ETHYL ACETATE (20-30%) 141-78-6	400 ppm			1400 mg/m ³		

Engineering controls: Ensure adequate ventilation.

Personal protective equipment

Eye protection: Wear safety glasses with side-shields.
Hand protection: Impervious butyl rubber gloves
Skin and body protection: Wear suitable protective clothing. Wear suitable gloves and eye/face protection.
Respiratory protection: Do not breathe vapors or spray. In case of insufficient ventilation wear suitable respiratory equipment. An approved organic vapor/acid gas respirator for small spills. When handling large quantities, use powered air-purifying respirators equipped with European standard EN 141, EN 371 and EN 372 filters or air-supplied hood, helmet or hard cap.
Other/general protection: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state: Liquid
Color: Colorless to light-yellow.
Odor: Alcoholic Characteristic Odor

Important Health Safety and Environmental Information

Flash point:	25 °F -4 °C	Boiling point/range:	>171 °F >77 °C
Specific gravity:	~0.8	Vapor density:	>1 (AIR = 1)
Vapor pressure:	<94 mmHg	Evaporation rate:	<2.3
Water solubility:	Insoluble in water.	Voc content (%):	~100

Other information

Melting point/range:
Explosivity: Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
Flammable limits in air - lower (%): 1.3
Flammable limits in air - upper (%): 9.8

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Materials to avoid: Strong oxidants.
Conditions to avoid: Keep away from heat and sources of ignition
Hazardous polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Eye contact: Irritating to the eyes.
Skin contact: May cause skin irritation.
Ingestion: Harmful if swallowed.
Inhalation: May cause irritation to the upper respiratory tract.
LD50/oral/rat (mg/kg) =
~5600 (Ethyl acetate)
1200 - 3100 (Benzyl alcohol)

Sub chronic toxicity

Unknown on product.

Chronic toxicity

Ingestion: Harmful if swallowed.
Inhalation: Central nervous system effects.

Specific effects

Sensitization: No effects expected.
Target organ effects: Kidney
Eyes
CNS
Lungs
Liver

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: This product has no known eco-toxicological effects.
Aquatic toxicity effects: This product has no known aquatic toxicological effects.

Mobility: Disperses rapidly in air. The product evaporates readily. The product is slightly soluble in water. It can be eliminated from water by abiotic processes.
Persistence / degradability: Slowly decomposes.
Bioaccumulation: No data available.
Degradation: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: This product is a hazardous waste as defined under RCRA (EPA). Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.
Contaminated packaging: Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

14. TRANSPORT INFORMATION

DOT shipping name: Flammable Liquid, n.o.s. (Ethyl acetate, Mineral spirits)
Hazard class: 3
Packing group: PG II
ID/UN No.: UN 1993
IATA - label: Flammable liquid

15. REGULATORY INFORMATION

Components	CAS Number	SARA 313	SARA 302	CERCLA	CEPA
ETHYL ACETATE (20-30%)	141-78-6			Listed.	
BENZYL ALCOHOL (5-10%)	100-51-6	Not determined	Not determined		

SARA (311, 312) hazard class

Immediate health: Yes.
Delayed health: None.
Fire: Yes
Sudden Release of Pressure Hazard: None.
Reactivity: None.

State Regulations

Components	CAS Number	NJRTK	PARTK	MARTK	RIRTK
ETHYL ACETATE (20-30%)	141-78-6	Listed.	Listed.	Listed.	Listed.
BENZYL ALCOHOL (5-10%)	100-51-6		Listed.	Listed.	

International Inventories

Components	TSCA	DSL	NDSL
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (>50%)	Listed.	Listed.	
ETHYL ACETATE (20-30%)	Listed.	Listed.	
BENZYL ALCOHOL (5-10%)	Listed.	Listed.	

WHMIS:

WHMIS trade secret: None.
WHMIS hazard class: B2 Flammable Liquids



Notes:

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s):

None.

MSDS format: North American Format - U.S. and Canada
This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.

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End of Safety Data Sheet