

MATERIAL SAFETY DATA SHEET

Finished Product



Date Issued: 01/18/2003

MSDS No: 3505-A

Date Revised: 05/13/2009

Revision No: 5

Economy Adhesive

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Economy Adhesive
PRODUCT DESCRIPTION: Economy Adhesive
PRODUCT CODE: 3505-11S

MANUFACTURER

Techspray, L.P.
1001 N.W. 1st Street
P.O. Box 949
Amarillo TX 79107

Emergency Contact: Chemtrec
Product Stewardship: 1-800-858-4043
Service Number: 1-800-858-4043

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300
CANUTEC (Canadian Transportation) :(613) 996 - 6666
Emergency Phone :(800) 858 - 4043

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"F+" - Extremely flammable
R12 - Extremely flammable.
"Xn" - Harmful
R20/22 - Harmful by inhalation and if swallowed.
R36/37/38 - Irritating to eyes, respiratory system and skin.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear to amber, sticky resin.

POTENTIAL HEALTH EFFECTS

EYES: Liquid contact can cause irritation, which may be severe.
SKIN: Prolonged or repeated contact may cause skin irritation.
INGESTION: Harmful if swallowed.
INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Symptoms of overexposure include: stinging, tearing, redness and pain.
SKIN: May cause slight irritation.
INGESTION: Not a likely route of exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS	EINECS
n-Heptane	10 - 50	142-82-5	
L.P.G.	2 - 20	68476-85-7	
Acetone	10 - 30	67-64-1	200-662-2

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Ingestion is unlikely because of the physical properties and is not expected to be hazardous. Do not induce vomiting unless instructed to do so by a physician.

INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: -20°C (-4°F) CC

FLAMMABLE LIMITS: 1.8 % to 9.5 %

GENERAL HAZARD: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes and oxides of carbon.

EXPLOSION HAZARDS: Vapors may form explosive mixture with air.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: -Implement cleanup procedures. -If in public area, keep public away and advise authorities. -Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

RELEASE NOTES: Spills and releases may have to be reported to Federal and/or local authorities.

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SPECIAL PROTECTIVE EQUIPMENT: Only personnel equipped with proper respiratory and skin/eye protection should be permitted in area. See Section 8 for details.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container closed when not in use.

HANDLING: Ground and bond containers when transferring material.

STORAGE: Keep away from sources of ignition.

STORAGE TEMPERATURE: Minimum to (120°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
n-Heptane	TWA	400 ppm	1600 mg/m ³	400 ppm			
	STEL	500 ppm	2000 mg/m ³	500 ppm			
L.P.G.	TWA			1000			
Acetone	TWA	750 ppm [1]	1800 mg/m ³ [1]	750 ppm	1780 mg/m ³	NL ppm	NL mg/m ³
	STEL	1000 ppm	2400 mg/m ³	1000 ppm	2380 mg/m ³	NL ppm	NL mg/m ³
OSHA TABLE COMMENTS:							
1. NL = Not Listed							

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Viton, Solvex, Butyl, Buna, Neoprene.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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Economy Adhesive**9. PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:** Liquid**ODOR:** Low odor.**COLOR:** Straw-colored.**pH:** Not Applicable**PERCENT VOLATILE:** Not Applicable**BOILING POINT:** > 37.7°C (100°F)**FREEZING POINT:** 0°C (32°F)**FLASHPOINT AND METHOD:** -20°C (-4°F) CC**EVAPORATION RATE:** > 1 (H₂O=1)**SPECIFIC GRAVITY:** 0.635 @ 25°C**VISCOSITY:** Not Determined**(VOC):** 52.000 % by weight**10. STABILITY AND REACTIVITY****STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**STABILITY:** Stable under normal conditions.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon (CO and CO₂) may form when heated to decomposition.**11. TOXICOLOGICAL INFORMATION****ACUTE**

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Acetone	5800 mg/kg	20 g/kg	50100 ppm

EYE EFFECTS: May be mildly irritating to eyes.**CARCINOGENICITY**

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Chemical Name	NTP Status	IARC Status	OSHA Status
Acetone	NOT LISTED	NOT LISTED	NOT LISTED

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

ECOTOXICOLOGICAL INFORMATION: Rainbow trout LC50=5540 mg/L/96H, Static conditions, 11-13 degrees C, Fathead Minnow LC50=7280 - 8120 mg/L/96H Flow-through conditions, Bluegill LC50 = 8300 mg/L/96H

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

GENERAL COMMENTS: Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D

TECHNICAL NAME: Mixed Aliphatic Hydrocarbons

PRIMARY HAZARD CLASS/DIVISION: No classification

ROAD AND RAIL (ADR/RID)

KEMLER NUMBER: UN1950

HAZARD CLASS: 2.1

AIR (ICAO/IATA)

SHIPPING NAME: CONSUMER COMMODITY ID8000

UN/NA NUMBER: ID8000

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: NA

VESSEL (IMO/IMDG)

SHIPPING NAME: AEROSOLS IN LIMITED QUANTITIES OF CLASS 2

UN/NA NUMBER: 1950

PRIMARY HAZARD CLASS/DIVISION: 2.1

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PACKING GROUP: NA

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****313 REPORTABLE INGREDIENTS:** Acetone (CAS# 67-67-1) n-Hexane (110-54-3)**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt. %	CAS
Acetone	10 - 30	67-64-1

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**CERCLA REGULATORY:** Acetone (67-64-1)

Chemical Name	Wt. %	CERCLA RQ
Acetone	10 - 30	5000 lbs.

CERCLA RQ: 5000 lbs**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Acetone	67-64-1

TSCA STATUS: All components of this product are either listed or exempt from listing in the TSCA inventory.**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer.**CANADA****WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.**WHMIS CLASS:** Class A, B5, D2B (Aerosol, Flammable Aerosol, Toxic Materials)**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components of this product are listed on the Canadian DSL.**EUROPEAN COMMUNITY**

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16. OTHER INFORMATION

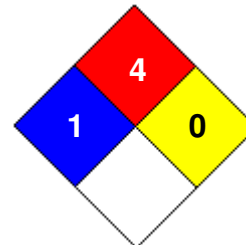
APPROVED BY: Pierce A. Pillon **TITLE:** Chemist

PREPARED BY: Steve Cook

REVISION SUMMARY: Revision #: 5. This MSDS replaces the April 23, 2008 MSDS.

HMIS RATING

HEALTH:	*	2
FLAMMABILITY:		4
PHYSICAL HAZARD:		1
PERSONAL PROTECTION:		

NFPA CODES

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