



MATERIAL SAFETY
DATA SHEET

Foamtak(TM) Spray Adhesive

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DIVISION: ENGINEERED ADHESIVES
TRADE NAME:
Auralex(R) Foamtak(TM) Spray Adhesive

ISSUED: MAY 24, 2001
SUPERSEDES: APRIL 3, 2001
DOCUMENT: 10-3323-2

1. INGREDIENT	C.A.S. NO.	PERCENT		
DIMETHYL ETHER	115-10-6	30.0	-	40.0
PENTANE	109-66-0	20.0	-	30.0
NON-VOLATILE COMPONENTS - N.J. TRADE SECRET (T.S.) REGISTRY NO. 04499600-5490P ++				
ACETONE	67-64-1	7.0	-	13.0
NAPHTHOL SPIRITS	64742-48-9	1.0	-	5.0

NOTE: IN CASE OF EMERGENCY: Contact your local Poison Control Center.

The components of this product are in compliance with the chemical notification requirements of TSCA.
++ synthetic polymers, resins, filler, antioxidant, rosin and u.v. absorber. Not hazardous according to Canadian WHMIS criteria. Non-WHMIS controlling.

2. PHYSICAL DATA	
BOILING POINT:	N/A
VAPOR PRESSURE:	Compressed gas
VAPOR DENSITY:	> 2.00 Air = 1
EVAPORATION RATE:	2.00 Ether = 1
SOLUBILITY IN WATER:	nil
SP. GRAVITY:	0.725 Water = 1
PERCENT VOLATILE:	ca. 78 % by wt
pH:	N/D
VISCOSITY:	N/A

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately



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2. PHYSICAL DATA (continued)

MELTING POINT..... N/D
APPEARANCE AND ODOR: liquid in aerosol, orange, sweet/fruity odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -50.00 F T.C.C.
(Propellant)
FLAMMABLE LIMITS - LEL: 1.00 % by vol
FLAMMABLE LIMITS - UEL: Flammable Gas
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
Water spray, Carbon dioxide, Dry chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.
NFPA HAZARD CODES: HEALTH: 2 FIRE: 4 REACTIVITY: 1 AEROSOL STORAGE: 2
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
Heat.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Aldehydes, Ketones, Hydrocarbons.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Cover with absorbent material. Collect using non-sparking tools. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:
Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty cans in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.



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5. ENVIRONMENTAL INFORMATION (continued)

RECYCLE EMPTY AEROSOL CONTAINERS WHERE AVAILABLE.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: ca. 66 % by wt.
VOC Less H₂O & Exempt Solvents: ca. 563 gms/liter calculated per
SCAQMD rule 443.1.
Hazardous Air Pollutants: 0 % by wt calculated.

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:
FIRE HAZARD: Yes PRESSURE: Yes REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate
medical attention.

SKIN CONTACT:
Flush skin with large amounts of water. If irritation persists, get
medical attention.

INHALATION:
Remove person to fresh air. If not breathing, give artificial
respiration. If breathing is difficult, get immediate medical
attention.

IF SWALLOWED:
Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Avoid eye contact with vapor, spray, or mist. Wear safety glasses
with side shields.

SKIN PROTECTION:
Avoid prolonged or repeated skin contact.

VENTILATION PROTECTION:
Do not use in a confined area or areas with little or no air
movement. If exhaust ventilation is not adequate, use appropriate
respiratory protection. Provide ventilation adequate to control vapor
concentrations below recommended exposure limits and/or control spray



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7. PRECAUTIONARY INFORMATION (continued)

or mist.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at temperatures below 120 degrees F (49 degrees C). Store out of direct sunlight. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Aerosol container contains flammable gas under pressure. Keep away from heat, sparks, open flame, and other sources of ignition. Extremely flammable liquid and vapor. Do not pierce or burn container, even after use. No smoking while handling this material. Avoid static discharge.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
DIMETHYL ETHER	1000	ppm	TWA	CMRG	
DIMETHYL ETHER	500	ppm	TWA	AIHA	
PENTANE	600	ppm	TWA	ACGIH	
PENTANE	600	ppm	TWA	OSHAV	
PENTANE	OSHA VACATED	PEL			
PENTANE	750	ppm	STEL	OSHAV	
PENTANE	OSHA VACATED	PEL			
PENTANE	1000	ppm	TWA	OSHA	
NON-VOLATILE COMPONENTS - N.J. TRADE SECRET (T.S.) REGISTRY NO. 04499600-5490P ++	NONE	NONE	NONE	NONE	
ACETONE	500	ppm	TWA	ACGIH	
ACETONE	750	ppm	STEL	ACGIH	
ACETONE	750	ppm	TWA	OSHAV	
ACETONE	OSHA VACATED	PEL			
ACETONE	1000	ppm	STEL	OSHAV	
ACETONE	OSHA VACATED	PEL			
ACETONE	1000	ppm	TWA	OSHA	
NAPHTHOL SPIRITS	100	ppm	TWA	3M	
NAPHTHOL SPIRITS	300	ppm	TWA	CMRG	

* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.



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7. PRECAUTIONARY INFORMATION (CONTINUED)

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Intentional concentration and inhalation may be harmful or fatal.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

SECTION CHANGE DATES

HEADING

SECTION CHANGED SINCE APRIL 3, 2001 ISSUE



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