

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ATH/SAX Paste

SYNONYMS:

CHEMICAL FAMILY:

Manufactured by: Avery Dennison Performance Polymers, 171 Draketown Rd., Mill Hall, PA 17751; 570-748-7701

EMERGENCY PHONE: Call CHEMTREC 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>C.A.S. NO</u>	<u>%</u>	<u>EXPOSURE LIMITS (ppm)</u>					
			<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>MAN. REC LIMIT</u>	
			<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
Silyl-terminated polyether	Proprietary	<37.5	NE	NE	NE	NE	NE	NE
Toluene	108-88-3	<30.0	200	300c	50	NE	100	150
Fire Retardant Additive	Proprietary	<33.0	NE	NE	NE	NE	NE	NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER!

FLAMMABLE LIQUID. VAPORS FORM EXPLOSIVE MIXTURES IN AIR. KEEP AWAY FROM SPARKS AND OPEN FLAMES.

CAUTION!

THIS MATERIAL CAN CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

CONTAINS MATERIAL WHICH MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION OR EFFECTS.

Do not get in eyes, on skin, or on clothing. Do not breathe vapor or mist. Keep container closed when not in use. Use only with adequate ventilation. Wash thoroughly after handling.

First Aid. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

POTENTIAL HEALTH EFFECTS

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Eye:

Moderately Irritating. Contact may cause irritation, redness, tearing, and blurred vision.

Skin:

Moderately Irritating. Contact may cause redness, itching, and inflammation.

Defatting Agent. Repeated or prolonged contact may cause dermatitis with drying, redness, itching, and cracking.

Contains a component(s) that may cause allergic skin reactions in some individuals.

Inhalation:

IRRITATING. Symptoms may include sore throat, coughing, labored breathing, sneezing and burning sensation depending on the concentration and length of exposure.

Overexposure to high atmospheric concentrations of this material/component(s) of this material may produce central nervous system depression or effects.

This material contains a small amount of methanol which is slightly toxic. Breathing high concentrations of methanol may cause adverse systemic effects: polyncuropathy, eye effects and central nervous system depression.

Symptoms of central nervous system depression or effects may include headache, excitation, euphoria, dizziness, fatigue, tremors and drowsiness depending on the concentration and length of exposure.

Ingestion:

Slightly Toxic; While ingestion of this material is highly unlikely, this material contains solvents which may be harmful if swallowed.

Industrial solvents can cause central nervous system depression and effects. Symptoms may include: headache, excitation, euphoria, dizziness, fatigue, tremors and drowsiness depending on concentration and length of exposure.

Chronic Effects:

Overexposure to this material/component(s) of this material may cause adverse effects on the following target organs: eyes, pancreas, liver, and kidneys, blood, heart respiratory and nervous system.

(See MSDS Section 11)

Reproductive/developmental effects information is available for this material/components of this material . (See MSDS Section 11)

Cancer data is available for this material/component(s) of this material. (See MSDS Section 11)

Medical Conditions Agrivated by Exposure:

Pre-existing eye, skin, liver, kidney, blood, heart, respiratory, and nervous system disorders may be aggravated by exposure to this material/component(s) of this material.

4. FIRST AID MEASURES

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Eye:

Immediately flush eyes for at least 15 minutes. Get medical attention.

Skin:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

Ingestion:

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point: 40 F

Lower Flammable Limit: 1.2

Method: TCC

Extinguishing Media

Alcohol foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures

Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Avoid prolonged contact with skin and breathing of vapor. Remove with inert absorbent and non-sparking tools. Ventilate area. Spills may be reportable to the National Response Center 800-424-8802. For disposal see Section 13.

7. HANDLING AND STORAGE

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Use grounding and bonding connection when transferring material to prevent static discharge, fire or explosion. Use spark proof tools and explosion proof equipment. Store in well ventilated area. Keep away from heat, sparks and flame. Do not store above 120 F.

Precautions also apply to emptied containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

Provide sufficient ventilation to keep employee exposures below the exposure limits (see Section 2).

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Respiratory Protection:

When respiratory protection is required, use a NIOSH/MSHA approved air-purifying respirator with organic-vapor cartridges. For emergency and unknown conditions, use an approved SCBA or positive-pressure airline with auxiliary self-contained air supply.

Skin Protection:

Use impervious, chemical resistant gloves. Do not use cotton or leather gloves. Wear long sleeved coveralls, which are provided clean daily.

Eye Protection:

Use chemical goggles or other safety eye wear providing splash protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous opaque liqui	Weight per Gallon:	Not Determined
Percent Volatile:	>32.0	Vapor Pressure:	20 mm Hg
Odor:	Solvent	pH:	Not applicable
Solubility in Water:	Negligible	Vapor Density:	> Air
Boiling Point:	230 F		

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid	Elevated temperatures, contact with heat, sparks,
Hazardous Decomposition	Carbon dioxide and asphyxiants
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Repeated and prolonged occupational exposure to solvents has been reported to cause permanent brain and nervous system damage (sometimes referred to as Solvent or Painter's Syndrome).

Toluene:

Prolonged or repeated exposure to toluene may cause injury to liver and nervous system.

Inhalation and ingestion of toluene have been reported to cause embryotoxicity and fetal abnormalities in laboratory animals, and increased incidence of menstrual disorders, and uterine and vaginal wall prolapse in women.

IARC has determined there is an inadequate human and animal data to classify toluene as to its carcinogenicity in humans (IARC Group 3).

12. ECOLOGICAL INFORMATION

Not established.

13. DISPOSAL CONSIDERATIONS

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As a waste, this material is considered a hazardous waste under EPA regulations. Disposal should be in an licensed hazardous waste incinerator or kiln. Any disposal must comply with local, state, and federal laws and regulations.

14. TRANSPORT INFORMATION

D.O.T. Shipping Information

UN1133, Adhesives, 3, PGII

IATA Shipping Information

UN1133, Adhesives, containing flammable liquid, 3, PGII

15. REGULATORY INFORMATION

SARA Title III and CERCLA Reportable Quantities:

Product Classification under Section 311 of SARA:

Acute (Yes), Chronic (Yes), Fire (Yes), Reactive (No), Pressure (No)

<u>COMPONENT</u>	<u>C.A.S. NO</u>	<u>%</u>	<u>RQ (lbs)</u>	<u>TPQ (lbs)</u>	<u>SARA 313</u>
Silyl-terminated polyether	Proprietary	<37.5	NO
Toluene	108-88-3	<30.0	1000	..	YES
Fire Retardant Additive	Proprietary	<33.0	NO

Toxic Substances Control Act (TSCA):

The ingredients of this product are all listed on the TSCA Inventory.

This product/components of this product, contain the following chemical substances that are subject to the reporting requirements of TSCA 12(b) if exported from the United States:

None

California Proposition 65:

This product contains toluene, a chemical known to the State of California to cause reproductive toxicity.

Canada DSL and WHMIS:

This product includes components that are listed on the Canadian DSL Inventory.

New Jersey Trade Secret Registry Number:

Not Established.

16. OTHER INFORMATION

NFPA HAZARD RATING (National Fire Protection Association)

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Health: 2 Fire: 3 React.: 0 Special: 0

HMIS HAZARD RATING

Health: 3 Fire: 3 React.: 0 Special: 0

Prepared By: K. Perry

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Request updated MSDS's by emailing: msds@averydennison.com

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