

MATERIAL SAFETY DATA SHEET

S-426 Solvent

Document #

SECTION 1: PRODUCT IDENTIFICATION AND USE

MFG'S NAME: ITW AMERICAN SAFETY TECHNOLOGIES

565 Eagle Rock Ave.
Roseland, New Jersey 07068
(973) 403-2600

TRADE NAME: S-426 Solvent

CHEMICAL FAMILY: EPOXY ESTER

DOT SHIPPING CLASSIFICATION (49 CFR 172.101):

Paint related material, 3, UN1263, III

TRANSPORTATION EMERGENCY NO. (CHEMTREC): 1-800-424-9300

MFG'S DUNN'S NO: 002-171-213

HMIS RATING:

Health = 1

Flammability = 3

Reactivity = 0

PREPARED BY: J. Farrell

DATE: 4/22/07

REVISION:

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

INGREDIENTS	CAS NO.	% WT.	OSHA PEL	ACGIH TLV
Aromatic petroleum distillates	64742-95-6	30-60%	N.E.	N.E.
Methyl normal amyl ketone	110-43-0	30-60%	100ppm	50ppm
Propylene Glycol Monomethyl Ether	107-98-2	15-30%	100ppm	100ppm
1,2,4 - Trimethylbenzene	95-63-6	5-15%	N.E.	N.E.
1,3,5 -Trimethylbenzene	108-67-8	1-10%	N.E.	N.E.
Diethylbenzene	25340-17-4	1-5%	N.E.	N.E.
(N.A. = Not Applicable)		(N.E. = Not Established)		

SECTION 313 SUPPLIER INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THIS INFORMATION MUST BE INCLUDED ON THE MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL.

CHEMICAL NAME	CAS NUMBER	WEIGHT %
1,2,4 - Trimethylbenzene	95-63-6	5-15%
Ethylbenzene	100-41-4	0.1%

SECTION 3: PHYSICAL DATA

BOILING POINT:	>240°F/116°C	SPECIFIC GRAVITY:	0.86
VAPOR PRESSURE:	8mmHg @ 68°F/20°C	MELTING POINT:	N.E.
VAPOR DENSITY:	N/D	EVAPORATION RATE:	slower than ethyl ether
SOLUBILITY IN WATER:	Slight		
APPEARANCE AND ODOR:	water white color, hydrocarbon smell		

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT: >86°F/>31°C PMCC

FLAMMABLE LIMITS:

LEL UEL
1.0 10.9

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical or Foam

SPECIAL FIRE FIGHTING PROCEDURES: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment where potential for exposure to vapors or products of combustion exists.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Decomposition and combustion products may be toxic.

SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation/Skin/Ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)

Eyes: May cause mild eye irritation. Symptoms include stinging, tearing and redness.
Skin: Can cause moderate irritation and sensitization.
Inhalation : Vapors may cause headaches, nausea, dizziness and respiratory irritation.
Ingestion: Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

CONDITIONS AGGRAVATED BY EXPOSURE: Allergy, eczema and other skin conditions.

CARCINOGENIC DATA: Ethylbenzene has been shown to cause cancer in lab animals. The relevance to humans is uncertain. The International Agency for Research on Cancer (IARC) has classified ethylbenzene as a possible human carcinogen.

OVEREXPOSURE EFFECTS: Irritation, sensitization and dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with large quantities of water for at least 15 minutes. Get medical attention.
Skin: Remove contaminated clothing. Wash contact area with mild soap and water.
Inhalation: Remove to fresh air. Give oxygen if breathing is difficult. Get medical attention.
Ingestion: Do not induce vomiting (contains solvent). Get medical attention.

SECTION 6: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive Heat.

INCOMPATIBILITY (Materials to Avoid): Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Dike Spill. Absorb with inert material and collect for disposal. Flush contaminated area with water; prevent washings from entering waterways.

WASTE DISPOSAL METHODS: Dispose of in accordance with Federal, State and Local Regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator with organic vapor cartridge if required.

VENTILATION: Explosion-proof mechanical ventilation and local exhaust are recommended. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.

PROTECTIVE GLOVES: Impervious gloves.

EYE PROTECTION: Chemical splash-proof goggles.

OTHER PROTECTIVE EQUIPMENT: In operations where contact may occur coveralls, apron and impervious foot covering are recommended.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid all personal contact. Do not exceed 110°F/43°C in storage area. Ground and bond metal containers for liquid transfer to avoid static sparks.

SECTION 9: SPECIAL / OTHER INSTRUCTIONS

- * A safety shower and eye wash facility should be available to employees.
- * Contaminated clothing should be removed immediately and thoroughly laundered before reuse.