

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID . . . . . : 101-1A  
PRODUCT CLASS . . . . . : PAINT, SOLVENT BASE  
TRADE NAME . . . . . : POLYAMIDE EPOXY-TINTABLE WHITE  
FORMULA ID . . . . . : 101-1A  
MSDS PREPARATION DATE . . . . . : 09/26/2005

MANUFACTURER IDENTIFICATION:

NAME . . . . . : INSL-X PRODUCTS CORPORATION  
ADDRESS . . . . . : 308 OLD COUNTY ROAD  
EDGEWATER FL 32132  
TELEPHONE . . . . . : 386-428-6461  
EMERGENCY CONTACT . . . . . : CHEMTREC  
EMERGENCY TELEPHONE . . . . . : (800) 424-9300

SECTION 2 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

1

CAS# PROPRIETARY  
POLYAMIDE RESIN  
PCT BY WT: 25 - 35  
EXPOSURE LIMIT:

2 TETA

CAS# 112-24-3  
TRIETHYLENETETRAMINE  
PCT BY WT: L/T .50 VAPOR PRESSURE: .010 MMHG @ 68F  
EXPOSURE LIMIT:  
LD50: Oral, Rat - 2500 mg/kg

3 LT AROMATIC SOLVENT, NAPHTHA

CAS# 64742-95-6  
AROMATIC PETROLEUM DISTILLATES  
PCT BY WT: .5 - 5 VAPOR PRESSURE: 3.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NE  
OSHA PEL/TWA: NE  
CA PROPOSITION 65: Yes

4

CAS# 1330-20-7  
XYLENE (MIXED ISOMERS)  
PCT BY WT: 10.8450 VAPOR PRESSURE: 5.100 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: 100 ppm TWA  
ACGIH TLV/STEL: 150 ppm STEL  
OSHA PEL/TWA: 100 ppm TWA  
LC50: Inhalation (Rat) - 6700 ppm/4H  
LD50: Oral (Rat) - 4.3 g/kg  
CA PROPOSITION 65: NO

5 1-METHOXY-2-PROPANOL

CAS# 107-98-2  
PROPYLENE GLYCOL m-METHYL ETHER

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PCT BY WT: .5 - 5 VAPOR PRESSURE: 8.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: TWA 100 ppm  
ACGIH TLV/STEL: STEL 150 ppm  
OSHA PEL/TWA: TWA 100 ppm  
OSHA STEL: 150 ppm  
LC50: Inhalation (Rat) - >10,000 ppm/4 Hr(s)  
LD50: Oral (Rat)- 6040 mg/kg  
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6

CAS# 100-41-4  
ETHYLBENZENE  
PCT BY WT: 2.7460 VAPOR PRESSURE: 7.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: TWA 100 ppm  
ACGIH TLV/STEL: STEL 25 ppm  
OSHA PEL/TWA: TWA 100 ppm  
OSHA STEL: 125 ppm  
LD50: Oral, Rat - 3500 mg/kg  
CA PROPOSITION 65: Yes  
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7

CAS# 13463-67-7  
TITANIUM DIOXIDE  
PCT BY WT: 35 - 50  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: 10 mg/cu m (Total Dust) - TWA  
OSHA PEL/TWA: 10 mg/cu m (Total Dust) - TWA  
LD50: Oral (Rat)- >7500 mg/kg (TiO2)  
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8 HYDROUS KAOLIN

CAS# 1332-58-7  
ALUMINUM SILICATE  
PCT BY WT: 10 - 15  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: 2 mg/cu m - TWA  
OSHA PEL/TWA: 10 mg/cu m (Total dust) - TWA  
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This product contains one or more reported carcinogens or suspected  
carcinogens which are noted in Section 3, Hazards Identification,  
CARCINOGENICITY.  
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This product contains one or more Hazardous Air Pollutants.  
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This product contains one or more reported mutagens or suspected  
mutagens.  
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\*\*\*\*\*  
This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.  
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This product contains one or more reported or suspected reproductive toxins.  
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\*\*\*\*\*  
This product contains one or more reported teratogens or suspected teratogens.  
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SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

- EYES: May cause eye damage and pain.
- SKIN: May irritate skin.
- INHALATION: Vapor may cause irritation to nose, throat and respiratory tract. May cause CNS depression.
- INGESTION: Not a likely route of exposure, however, irritation of the mouth, throat and the gastrointestinal tract may occur. CNS depression may occur.

SIGNS AND SYMPTOMS: Skin sensitization (allergy) may be evidenced by rashes, especially hives. Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness, respiratory depression and death may occur.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Any pre-existing respiratory or eye/skin conditions.

CHRONIC EFFECTS

NOTICE: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause respiratory and/or skin sensitization.

CARCINOGENICITY

Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. IARC has classified ethylbenzene as a possible human carcinogen, Group 2B.

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID:

EYE CONTACT: Flush at once with large amounts of lukewarm water for at least 15 minutes and get medical attention.



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SECTION 6 - ACCIDENTAL RELEASE MEASURES  
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CLEAN-UP:

Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions.

\*\*\* SMALL SPILLS \*\*\*

Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

SPILL OR LEAK PROCEDURES:

WARNING! FLAMMABLE. Eliminate all ignition sources. Equipment must be grounded to prevent sparking.

\*\*\* LARGE SPILLS \*\*\*

Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off.

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SECTION 7 - HANDLING AND STORAGE  
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HANDLING

WARNING: Extremely irritating to the eyes. May cause skin and respiratory tract irritation. May cause skin sensitization. May cause CNS depression. Containers, even those that have been emptied, can contain hazardous product residues.

STORAGE

Store in tightly closed, properly vented containers in a cool, dry place. Do not puncture containers or expose product to moisture.

SPECIAL COMMENTS

Avoid all bodily contact. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Contaminated leather shoes cannot be decontaminated and should be destroyed to prevent reuse.

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SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION  
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ADDITIONAL PROTECTIVE MEASURES

Use explosion-proof ventilation as required to control vapor concentrations. Eye wash fountains and safety showers should be available for emergency use.

RESPIRATORY PROTECTION

Avoid breathing dust/mists. If exposure may or does exceed occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure.

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Avoid breathing vapors, which may be produced under some conditions such as heating or applications of uncured product in large surface areas (e.g., flooring and painting). Avoid breathing aerosols and mists which may be formed by various methods of application.

EYE PROTECTION

To prevent eye contact wear eye protection such as chemical splash proof goggles or face shield.

SKIN PROTECTION REQUIREMENTS

Permeation resistant gloves. Cover as much of the exposed skin area as possible with appropriate clothing, such as, long sleeved clothing, etc.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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Physical State . . . . .	:	LIQUID		
Vapor Pressure . . . . .	:	8.00		
Vapor Density . . . . .	:	5.00		
Boiling Point Range . . . . .	:	Lower - 246.0	°F	
		Higher - 531.0	°F	
Specific Gravity . . . . .	:	1.489		
Weight per Volume . . . . .	:	12.3967	LB/GL	
VOC - Total (lbs./gal). . . . .	:	2.838		
Evaporation Rate . . . . .	:	.900	(n-Butyl Acetate = 1)	
Volatile by Weight . . . . .	:	22.8907		
Volatile by Volume . . . . .	:	38.7552		

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SECTION 10 - STABILITY AND REACTIVITY  
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INCOMPATIBILITIES (Materials to Avoid)

This product can react violently with strong oxidizing agents and strong acids.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Avoid heat and any source of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

Nitrogen oxides, carbon monoxide and unidentified organic compounds (some containing nitrogen) may be formed during thermal or oxidative decomposition of combustion.

STABILITY: Stable.

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SECTION 11 - TOXICOLOGICAL INFORMATION  
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No data at this time.

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SECTION 12 - ECOLOGICAL INFORMATION  
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No data at this time.

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SECTION 13 - DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL

Discharge, treatment, or disposal may be subject to national, state or local laws. We recommend that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities.

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SECTION 14 - TRANSPORT INFORMATION  
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DOT HAZARD CLASS . . . . . : 3  
DOT PACKAGING GROUP . . . . . : PG III  
  
DOT LABEL . . . . . : FLAMMABLE LIQUID  
DOT SHIPPING NAME . . . . . : PAINT  
DOT PLACARD . . . . . : FLAMMABLE LIQUID  
UN/NA NUMBER . . . . . : UN1263

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SECTION 15 - REGULATORY INFORMATION  
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U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

XYLENE (MIXED ISOMERS)  
CAS# 1330-20-7 PCT BY WT: 10.8450

1,2,4-TRIMETHYLBENZENE  
CAS# 95-63-6 PCT BY WT: 2.0330  
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ETHYLBENZENE

CAS# 100-41-4 PCT BY WT: 2.7460

SECTION 16 - OTHER INFORMATION

Prepared by . . . . . :  
Date of issue . . . . . : 09/26/2005  
Last Revision Date . . . . . : 05/21/2002  
  
MSDS Prepared for . . . . . :

MSDS Last Prepared . . . . . : NONE  
HMIS Rating: Health- 3 Flammability- 3  
Reactivity- 0

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This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200(g)(4).

The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

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Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of mercury; F - Fahrenheit; ACGIH - American Conference of Governmental Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; TWA - Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable IARC - International Agency for Research on Cancer; NE - Not established NTP - National Toxicological Program; CFR - Code of Federal Regulations; OSHA - Z 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC - Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m3 or Mg/Cu M - milligram per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts per million; NIOSH - National Institute of Occupational Safety and Health; MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.