
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : 61-2A
PRODUCT CLASS : PAINT, SOLVENT BASE
TRADE NAME : COAL TAR EPOXY-BLACK (PART A)
FORMULA ID : 61-2A
MSDS PREPARATION DATE : 10/25/2005

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# 68410-23-1
FATTY ACID POLYAMIDES
PCT BY WT: 5 - 10
EXPOSURE LIMIT:
LD50: Oral (Rat)- >5 g/kg

2
CAS# 90-72-2
TRIS-2,4,6-(DIMETHYLAMINOMETHYL) PHENOL
PCT BY WT: .5 - 5
EXPOSURE LIMIT:

3
CAS# 65996-93-2
COAL TAR PITCH
PCT BY WT: 24.5670 VAPOR PRESSURE: 6.600 MMHG @ 68F
EXPOSURE LIMIT:
ACGIH TLV/TWA: 0.2 mg/cu m - TWA
OSHA PEL/TWA: 0.2 mg/cu m - TWA

4 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

5
CAS# 1330-20-7
XYLENE (MIXED ISOMERS)
PCT BY WT: 17.5190 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

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LD50: Oral (Rat) - 4.3 g/kg
CA PROPOSITION 65: NO

6

CAS# 100-41-4
ETHYLBENZENE
PCT BY WT: 4.4350 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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CAS# 14808-60-7
CRYSTALLINE SILICA - QUARTZ
PCT BY WT: .1150
EXPOSURE LIMIT:
ACGIH TLV/TWA: TWA 0.10 mg/cu m (Respirable Dust)
OSHA PEL/TWA: TWA 0.10 mg/cu m (Respirable Fraction)
CA PROPOSITION 65: Yes

This product contains one or more reported carcinogens or suspected
carcinogens which are noted in Section 3, Hazards Identification,
CARCINOGENICITY.

This product contains one or more Hazardous Air Pollutants.

This product contains one or more reported mutagens or suspected
mutagens.

This product contains pigments, which may become a dust nuisance when
removed by abrasive blasting, sanding, or grinding.

This product contains one or more reported or suspected reproductive
toxins.

This product contains one or more reported teratogens or suspected
teratogens.

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Corrosive to eyes; causes eye burns.

SKIN: Liquid and vapors can cause skin irritation and dermatitis, including acne. Coal tar pitch is a phototoxic substance that, in the presence of ultraviolet light (sunlight), can cause a skin reaction similar to an exaggerated sunburn, frequently causing blisters. Existing skin disorders (e.g., eczema or skin allergy) may be aggravated by exposure to this product.

INHALATION: High vapor concentrations may cause drowsiness and irritation of the eyes or respiratory tract.

INGESTION: Swallowing can result in severe gastrointestinal irritation, nausea, and vomiting. Swallowing a large amount can be fatal.

HEALTH HAZARDS SPECIFIC TO PRODUCT COMPONENTS

EFFECTS OF CHRONIC OVEREXPOSURE TO:

COAL TAR PITCH: Long term overexposure to coal tar pitch can affect skin pigmentation and can cause growths on the skin or skin cancer. It may cause cancer of the lung, kidneys, or bladder. Long-term overexposure to solvents in this mixture can irreversibly cause liver or kidney damage and may cause embryofetotoxicity.

CRYSTALLINE SILICA: Long-term overexposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued overexposure to silica can lead to cardiopulmonary impairment.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Any pre-existing respiratory or eye/skin conditions.

POSSIBLE ROUTES OF ENTRY

Inhalation, ingestion, skin absorption.

CARCINOGENICITY

Coal tar pitch has been determined by IARC to be a human carcinogen. Coal tar pitch & several of its ingredients, including benzo(a)pyrene, have been determined by NTP to cause cancer in experimental animals.

IARC and NTP have reviewed crystalline silica. IARC found sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources. Crystalline silica is listed with IARC as Group 1 (carcinogenic to humans).

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.

SKIN CONTACT: If contacted by light spray, remove contaminated clothing, including shoes. Then remove product from skin with vegetable oil and wash thoroughly with soap and water. Hydrocortisone cream may be used for relief or skin irritation. Consult a physician if irritation persists.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

INGESTION: Do not give anything by mouth. Do not induce vomiting; pulmonary complications can result. Consult a physician or poison control center at once.

NOTE TO PHYSICIAN:
Not Applicable.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:

Flammability Classification	:	1C		
Flashpoint	:	80.0	°F	
Explosion Level	:	Low	-	1.0
		High	-	7.0

EXTINGUISHING MEDIA

Water spray, dry chemical, carbon dioxide (CO2), alcohol foam

SPECIAL FIRE-FIGHTING PROCEDURES

Wear respirator (pressure demand, self-contained breathing apparatus) NIOSH-approved, and full protective gear for working fires. Cool exposed containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Vapors may be heavier than air and may travel along the ground to distant ignition sources, then flash back to the vapor source. Keep welding or cutting equipment away from product. Containers may explode when exposed to extreme heat.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (flame, hot surfaces and sources of electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. For large spills in a confined area, use self-contained

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non-sparking tools. Keep out of drains, sewers and waterways.

CLEAN-UP

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Eliminate ignition sources. Store in tightly closed, labeled containers, protected from physical damage and separated from oxidizers.

STORAGE

Empty containers may contain residues that could burn or cause container to rupture violently if heated or ignited. Do not weld on or apply heat or flame to container. Prevent unauthorized reuse of containers.

SPECIAL COMMENTS

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing high vapor concentrations. Wash thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to chemicals in Section 2 is maintained below applicable exposure limits.

RESPIRATORY PROTECTION

If sprayed in areas with unrestricted ventilation, use NIOSH approved mechanical filter respirator to remove overspray; in restricted ventilation areas, use NIOSH-approved chemical/mechanical filter respirator to remove both particles and vapor.

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.

OTHER PROTECTIVE EQUIPMENT

Eye wash and quick-drench shower facilities. Impervious clothing and boots are recommended. Thoroughly clean shoes and wash contaminated clothing before reuse.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State : LIQUID
Vapor Pressure : 7.00
Vapor Density : 5.00
Boiling Point Range : Lower - 266.0 °F
Higher - 531.0 °F
Specific Gravity : 1.359
Weight per Volume : 11.3118 LB/GL
VOC - Total (lbs./gal). : 3.113
Evaporation Rate : .860 (n-Butyl Acetate = 1)
Volatile by Weight : 27.5283
Volatile by Volume : 42.6173

SECTION 10 - STABILITY AND REACTIVITY

STABILITY :
Stable under normal conditions.

INCOMPATIBILITIES (Materials to Avoid)
This product can react violently with strong oxidizing agents and strong acids.

HAZARDOUS POLYMERIZATION
Will not occur.

CONDITIONS TO AVOID
High temperatures.

HAZARDOUS PRODUCTS OF DECOMPOSITION
Heating to decomposition, as in a fire or welding, may produce hazardous fumes. Fumes may contain carbon monoxide, carbon dioxide and oxides of nitrogen.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL
Dispose of this product in accordance with applicable local,

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county, state and federal regulations, by incinerating, or treating and disposing in approved facility. Do not incinerate closed containers.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS : 3
DOT PACKAGING GROUP : PG III

DOT LABEL : FLAMMABLE LIQUID
DOT SHIPPING NAME : PAINT
UN/NA NUMBER : UN1263
DOT PLACARD : FLAMMABLE LIQUID

SECTION 15 - REGULATORY INFORMATION

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: 17.5190

ETHYLBENZENE
CAS# 100-41-4 PCT BY WT: 4.4350

SECTION 16 - OTHER INFORMATION

Prepared by :
Date of issue : 10/25/2005
Last Revision Date : 12/06/2001

MSDS Prepared for :

MSDS Last Prepared : NONE

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HMIS Rating: Health- 2* Flammability- 3
 Reactivity- 0

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.

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.