

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : 1201-147A
PRODUCT CLASS : PAINT, SOLVENT BASE
TRADE NAME : EPOXY PRIMER RED - PART A
FORMULA ID : 1201-147A
MSDS PREPARATION DATE : 09/28/2005

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 CI PIGMENT RED 101, # 77491

CAS# 1309-37-1
IRON (III) OXIDE
PCT BY WT: 5 - 10
EXPOSURE LIMIT:
ACGIH TLV/TWA: 5 mg/cu m (Iron Oxide Fume as Fe)
OSHA PEL/TWA: 10 mg/cu m (Iron Oxide Fume as Fe)
LD50: Oral (Rat) - > 5000 mg/kg

2

CAS# 1330-20-7
XYLENE (MIXED ISOMERS)
PCT BY WT: 21.0660 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

3 1-METHOXY-2-PROPANOL

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

4

CAS# 100-41-4
ETHYLBENZENE
PCT BY WT: 5.3330 VAPOR PRESSURE: 7.000 MMHG @ 68F

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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

5

CAS# 61790-53-2
SILICA, AMORPHOUS
PCT BY WT: .5 - 5

EXPOSURE LIMIT:

ACGIH TLV/TWA: TWA 10 mg/cu m (Inhalable particulate)
OSHA PEL/TWA: PEL: 80 mg/cu m/%SiO2

6

CAS# 14808-60-7
CRYSTALLINE SILICA (QUARTZ)
PCT BY WT: 24.8830

EXPOSURE LIMIT:

ACGIH TLV/TWA: 0.05 mg/cu m
OSHA PEL/TWA: 10 mg/cu m
CA PROPOSITION 65: Yes

7

CAS# 14808-60-7
CRYSTALLINE SILICA - QUARTZ
PCT BY WT: .4780

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 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.

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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

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.

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

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.

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).

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: Immediately remove contaminated clothing, wipe excess from skin and flush with clean water for at least 15 minutes. Wash affected area with soap and water. Get medical attention if persistent irritation and/or a skin rash,

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INHALATION: appears. Do not reuse clothing until thoroughly cleaned.
Remove victim to fresh air and provide oxygen if breathing is
difficult. Give artificial respiration if not breathing.
Get medical attention.

INGESTION: DO NOT INDUCE VOMITING. Give 1 to 2 cups of milk or water to
drink. Do not give anything by mouth to an unconscious or
convulsing person. Consult a physician.

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 - 10.9

EXTINGUISHING MEDIA

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

FIRE-FIGHTING PROCEDURES AND EQUIPMENT

Clear fire area of unprotected personnel. Do not enter confined space
without helmet, face shield, bunker coat, gloves, rubber boots, and a
positive pressure NIOSH-approved self-contained breathing apparatus.
Water spray may be used to cool closed containers to prevent pressure
build-up and possible explosion when exposed to extreme heat. Water
may be ineffective in extinguishing a paint fire. Therefore, use
caution not to spread flames with stream of water. If water is used,
fog nozzles are preferable.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Delayed lung damage (pulmonary edema) can be experienced after exposure
to combustion products, sometimes hours after the exposure. Nitrogen
oxides and nitrogen containing organic compounds may be released upon
combustion. Containers exposed to intense heat from fires should be
cooled with water to prevent vapor pressure buildup which could result
in container rupture. Container areas exposed to direct flame contact
should be cooled with large quantities of water as needed to prevent
weakening of container structure.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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.

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*** 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.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Handle in accordance with the hazard potential of curing agent(s)
used. WARNING: May cause skin and eye irritation. May cause
skin sensitization. Avoid contact with eyes. Avoid prolonged or
repeated contact with skin.

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.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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.

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

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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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State : LIQUID
Vapor Pressure : 8.00
Vapor Density : 3.70
Boiling Point Range : Lower - 246.0 °F
Higher - 257.0 °F
Specific Gravity : 1.449
Weight per Volume : 12.0564 LB/GL
VOC - Total (lbs./gal). : 3.825
Evaporation Rate : .860 (n-Butyl Acetate = 1)
Volatile by Weight : 31.7215
Volatile by Volume : 52.5911

SECTION 10 - STABILITY AND REACTIVITY

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.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

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SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

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.

SECTION 14 - TRANSPORT INFORMATION

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

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: 21.0660

ETHYLBENZENE
CAS# 100-41-4 PCT BY WT: 5.3330

INORGANIC ZINC COMPOUND
PCT BY WT: 7.4650

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SECTION 16 - OTHER INFORMATION

Prepared by :
Date of issue : 09/28/2005
Last Revision Date : 05/23/2002

MSDS Prepared for :

MSDS Last Prepared : NONE
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.