

SECTION 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTITY: PC 101 **DATE:** 1-05-07
INTENDED USE: Coating **HAZARD RATINGS**
COMPANY IDENTITY: Start International **Health=2**
COMPANY ADDRESS: 4270 Airborn **Flammability=3**
Addison TX 75001 **Reactivity=0**
COMPANY PHONE: (972) 248-1999 **Personal Protection=G**
EMERGENCY PHONE: (800) 535-5053 **Prepared by: F.Carriker**

SECTION 2. CHEMICAL COMPONENTS / HAZARDOUS INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>%Wt</u>	<u>CAS #</u>	<u>ACGIH-TLV</u>	<u>CERCLA RO.</u>	<u>SARA 313*</u>
Xylene *	<45	1330-20-7	100 ppm	100 lbs.	yes
Ethyl Benzene *	<8	100-41-4	100 ppm	1000 lbs	yes
Toluene * #	<20	108-88-3	100 ppm	1000 lbs	yes

The toxic chemical(s) subject to these requirements fall into the generic classifications listed below.

SECTION 313 SUPPLIER NOTIFICATION

Contains these 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. * **Xylene , Ethyl Benzene, Toluene**

Contains these 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 California proposition 65 (safe drinking water & toxic enforcement act of 1986 # **Toluene**

DANGER: FLAMMABLE.

Harmful or fatal if swallowed. Aspiration hazard. Vapor harmful. Keep away from heat and flame. Can cause nervous system depression.

SECTION 3. HEALTH HAZARD DATA

HEALTH HAZARDS-(acute and chronic): Primary Routes of entry. Skin contact/absorption and inhalation.

Acute: Eyes; May cause mild eye irritation, Symptoms include stinging, tearing and redness. **Skin;** May cause mild irritation. Prolonged or repeated contact may dry skin. Symptoms may include redness, burning, drying of skin, and skin burns. **Inhalation;** High vapor /aerosol concentrations >1000 ppm are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May cause peripheral nervous system disorder and /or damage. **Ingestion;** Harmful or fatal if swallowed. Ingestion may cause drowsiness, dizziness, faintness, decreased awareness, and responsiveness, lack of coordination, abdominal discomfort, nausea, vomiting, and diarrhea. May cause visual system damage, progressing from blurred vision to complete blindness.

Chronic: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Signs and Symptoms of Overexposure: Through breathing, swallowing, and or passage of material through the skin may include; stomach or intestinal upset, nausea and vomiting, diarrhea, irritation of the nose throat and airways, central nervous system depression, which include; dizziness, drowsiness, weakness, fatigue, nausea, headache, and unconsciousness.

TARGET ORGAN EFFECTS: Nervous system.

Reproductive/Developmental Information: Prolonged and repeated exposure of pregnant animals to toluene (>1500 ppm) has been reported to cause adverse fetal developmental effects.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 4. FIRST AID

EYES: Flush with large amounts of water for 15 minutes lifting upper & lower lids occasionally. Get medical attention immediately.

SKIN: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.

INHALED: Remove to fresh air. Administer oxygen if breathing is difficult. Get medical attention.

INGESTED: Call a physician and/or transport to emergency facility immediately. Aspiration hazard! **DO NOT** induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If vomiting occurs, keep head below hips to prevent aspiration.

SECTION 5. FIRE AND EXPLOSION DATA

FLASH POINT: 50 Deg. F TCC

EXTINGUISHING MEDIA: Carbon dioxide, foam, or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Flammable: Water spray to cool heated containers to prevent bursting. Heat may swell closed containers. Self-contained respiratory equipment should be provided for firemen.

SECTION 6. ACCIDENTAL RELEASE MEASURES: Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Remove all sources of ignition. Ventilate the area well. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb with inert solid absorbent and shovel into containers. Transfer contaminated material into containers for disposal.

SECTION 7. HANDLING & STORAGE: Do not use or store near heat, sparks or open flame. Store containers in a cool, dry, well ventilated area. Do not puncture or incinerate container. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. **Keep out of reach of children.**

SECTION 8. EXPOSURE CONTROLS/PROTECTIVE MEASURES

PERSONAL PROTECTION: Eye protection - chemical goggles. Wear protective clothing or equipment as necessary to prevent skin contact. **Skin protection** - Impervious gloves made from rubber, neoprene or nitrile. **Respiratory protection** - When required, use an organic vapor and particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 and ANSI 288.2 requirements

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to minimize exposure.

HYGIENE: Avoid breathing of vapors or mists. Remove and launder saturated clothing prior to reuse.

SECTION 9. PHYSICAL DATA

APPEARANCE & ODOR: Amber liquid with a solvent odor

BOILING POINT: 178-340 Deg. F

VAPOR PRESSURE: Not established

SOLUBILITY IN WATER: Negligible in water

EVAPORATION RATE: Not established

VOC CONTENT: < 52%

SPECIFIC GRAVITY: 0.9 (H2O = 1)

SECTION 10. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Extreme heat and open flames.

INCOMPATIBILITY-MATERIALS TO AVOID: Acids and strong oxidizers.

HAZARDOUS DECOMPOSITION: Thermal decomposition produces CO, CO2.

SECTION 11. TOXICOLOGICAL INFORMATION

Toluene: Mammalian Data: Oral LD50: 5.5 – 8.0 gm.kg. Inhalation LD50; 17 -26 mg/l.

Xylene: Mammalian Data: Oral LD 50: 4.3 gm/kg Inhalation LD50: 28mg/l

SECTION 12. ECOLOGICAL INFORMATION

Toluene: Fish-fathead minnow; 96hr LL50; 93.2 mg/l

Xylene: Fish-fathead minnow, 96hr LC50: 42 mg/l

SECTION 13. WASTE DISPOSAL: Dispose according to Federal, State and Local Laws and 40 CFR. If this product becomes a hazardous waste it would be assigned RCRA Code(s) D001, D035.

SECTION 14. TRANSPORT INFORMATION

**DOT Shipping name/class:
Resin solution, 3, UN1866, PGII**

SECTION 15 REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (Toxic Substances Control Act): The intentional ingredients of this product are listed.

Title III Section 311/312 Hazardous Categories – 40 CFR 370.2:

Acute (X) Chronic (X) Fire (X) Pressure (X) Reactive (X) Not applicable ()

(1) Title III Section 302/304 Extremely Hazardous Substances – 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals – 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s) D001. D035

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product.

Check with your state for additional regulations.

(3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)

(4) Massachusetts (Hazardous Substance Disclosure by Employers)

SECTION 16. ADDITIONAL INFORMATION

This product was compiled from current manufacturer's MSDS's of the component parts of the product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

NOTICE

Reasonable care has been taken to prepare this document and the above information is believed to be correct with respect to the formula used to manufacture this product. However, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein and assume no responsibility regarding the suitability of this product for the users intended purposes or the consequences of its use. Each individual should make a determination as to the suitability of the information contained herein for their particular purposes.