

# SAFETY DATA SHEET

## PC 101 Aerosol

### Section 1: IDENTIFICATION

**PRODUCT NAME:** PC 101 Aerosol  
**CHEMICAL NAME:** mixture  
**CHEMICAL FAMILY:** Conformal coating  
**HAZARD CLASSIFICATION:**  
**PRODUCT USE:** Coating

**CAS #:** N/A mixture

**DATE SDS PREPARED:** 11-17-16  
**Prepared by:** Fred Carriker

**COMPANY IDENTITY:** Start International  
**COMPANY ADDRESS:** 4270 Airborn  
 Addison TX 75001  
**COMPANY PHONE:** (972) 248-1999  
**EMERGENCY PHONE:** (800) 535-5053

### Section 2: HAZARDS IDENTIFIED

#### Classification of the chemical in accordance with paragraph (d) of 1910.1200

##### GHS Classification:

Acute toxicity: Dermal	Category 4
Acute toxicity: Inhalation (vapors)	Category 4
Skin Corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B
Carcinogenicity	Sub Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2
Chronic aquatic toxicity	Category 3
Flammable liquids	Category 3



#### Potential Health Effects:-(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.

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### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	%Wt	CAS #	ACGIH-TLV	CERCLA RQ.	SARA 313*
Xylene *	>30	1330-20-7	100 ppm	100 lbs.	yes
Ethyl Benzene *	<8	100-41-4	100 ppm	1000 lbs	yes
Toluene *	>60	108-88-3	100 ppm	1000 lbs	yes
Modified Alkyd Resin	<12	proprietary	N/H	N/H	No
Acrylic Polymers	<8	proprietary	N/H	N/H	No

The toxic chemical(s) subject to these requirements fall into the generic classifications listed below. N/H = not hazardous

#### **DANGER: FLAMMABLE.**

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

### Section 4: FIRST AID MEASURES

**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.

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

**INGESTION:** 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 FIGHTING MEASURES

#### **FIRE HAZARD DATA;**

**Flash point and Method:** 50 Deg. F TCC

**Flammability Limits** Lower Limits: 1.20% Upper Limits: 7.10 %

**Extinguishing Media: (suitable)** 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. Vapors can travel to source of ignition and flash back.

### Section 6: ACCIDENTAL RELEASE MEASURES

**In Case of Spill or Leak:** 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 AND STORAGE

**Handling:** Avoid contact with skin and eyes

**Storage:** Store away from intense heat or flame. Cool dry area preferred.

**Storage Stability:** Stable under most circumstances. Heat may expand containers causing rupturing.

**Storage Incompatibility:** No information available

## Section 8: EXPOSURES CONTROLS / PERSONAL PROTECTION

**Airborne Exposure Guidelines: Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to minimize exposure.

**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.

**Eye / Face Protection:** Chemical resistant goggles must be worn. Eye protection worn must be compatible with respiratory protection system employed.

**Skin Protection:** Impervious gloves made from rubber, neoprene or nitrile.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Amber

**Physical State:** Thin liquid

**Odor:** Solvent

**pH:** Not applicable

**Specific Gravity: (water=1)** 0.8 (H<sub>2</sub>O = 1)

**Vapor Density:** Not determined

**Vapor Pressure:** Not determined

**Boiling Point:** 178 –340 Deg F

**Freezing Point:** Not determined

**Solubility in Water:** Negligible

## Section 10: STABILITY AND REACTIVITY

**Stability:** This product is chemically stable under normal and anticipated storage, handling and processing conditions.

**Conditions to Avoid:** Extreme heat and open flames

**Materials to Avoid:** Strong acids and bases.

**Hazardous Decomposition Products:** Thermal decomposition produces CO<sub>2</sub>

**Hazardous Polymerization:** Does not occur.

## Section 11: TOXICOLOGICAL INFORMATION

**Eye Effects:** No information available for humans

**Skin Effects:** No information available for humans

**Dermal LD 50** No information available for humans

**Oral LD 50** No information available for humans

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

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

**Inhalation LC 50** No information available for humans

**Acute Effects from Overexposure:** Skin, eye and respiratory irritation.

**Chronic Effects from Overexposure:** IARC assessment: this product is not classifiable as to its carcinogenicity to humans (Group 3)

**Carcinogenicity:**

Chemical Name	IARC	NTP	OSHA	Other
	NO	NO	No	No

## Section 12 ECOLOGICAL INFORMATION

**Chemical Fate and Pathway:** No information available

**Ecotoxicological Information:**

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

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

## Section 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Do not flush into surface water or sanitary sewer system. For disposal incinerate this material at a facility that complies with local, state and federal regulations (see 40 CFR 268)

## Section 14: TRANSPORT INFORMATION

**U.S Department of Transportation (DOT): Shipping name/class:** Resin solution, 3, UN1866, PGII, toluene

**International Maritime Dangerous Goods Code (IMDG):** Resin solution, 3, UN1866, PGII

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### Section 15: REGULATORY INFORMATION

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**

#### 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 SDS, 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 SDS 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: OTHER INFORMATION

#### HMIS RATING

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PROTECTIVE EQUIPMENT	G

Key: 4 = Severe, 3 = Serious,  
2 = Moderate, 1= Slight 0 = Minimal

Protection G = Gloves and goggles recommended, respiratory

HMIS = Hazardous Materials Identification System

### PREPARATION INFORMATION

**This product was compiled from current manufacturer's SDS'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.**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing ,storage, transportation ,disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**