

**MATERIAL SAFETY DATA SHEET**

**TRESSA, INC.  
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Emergency Response Number:1-800-424-9300  
Outside The U.S. Call 703-527-3887**

**SECTION I: IDENTIFICATION**

**Product name:** Liteworx No-Ammonia Color Toners

**SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

[HAZARDOUS COMPONENTS - (CAS NUMBER)-	OSHA PEL –	ACGIH/TLV –	OTHER - %(OPTIONAL)]
Isopropyl Alcohol	(67-63-0)	400ppm TWA 983mg/M <sup>3</sup> TWA	400ppm TWA N/A 983mg/M <sup>3</sup> TWA 500ppm STEL 1230mg/M <sup>3</sup> STEL
P-Phenylenediamine	(106-50-3)	0.1mg/M <sup>3</sup> (skin)	0.1mg/M <sup>3</sup> (skin) N/A
Resorcinol	(108-46-3)	N/E	10ppm TWA N/A 45mg/M <sup>3</sup> TWA 20ppm STEL 90mg/M <sup>3</sup> STEL

**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/D

**VAPOR DENSITY:** N/A

**MELTING POINT:** N/A

**SOLUBILITY IN WATER:** Completely dispersible in water.

**APPEARANCE AND ODOR:** Clear colored liquid with fragrance and mild alcohol odor.

**VAPOR PRESSURE:** N/A

**SPECIFIC GRAVITY:** Approx. 1.00

**EVAPORATION RATE:** N/D

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 87°F – 92°F

**FLAMMABLE LIMITS:** N/D

**EXTINGUISHING MEDIA:** Water spray, CO<sub>2</sub>. Dry chemical foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**SECTION V: REACTIVITY DATA**

**STABILITY DATA**

**UNSTABLE:** No

**STABLE:** Yes

**INCOMPATIBILITY:** Open flame, heat and acids. Avoid contact with metal containers during mixing.

**HAZARDOUS POLYMERIZATION**

**MAY OCCUR:** No

**WILL NOT OCCUR:** Yes

**INCOMPATIBILITY:** None known

**SECTION VI: HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY**

**INHALATION:** Avoid

**SKIN:** Avoid

**INGESTION:** Avoid

**HEALTH HAZARD (Acute and Chronic):** Irritating to skin, eyes, and respiratory system. Sensitization and dermatitis possible in some individuals. A 24-hour test patch is required prior to use. (FDA Regulation)

### **CARCINOGENICITY**

**CARCINOGEN:** N/A

**NTP:** N/A

**IARC MONOGRAPHS:** N/A

**OSHA REGULATED:** N/A

### **SIGNS AND SYMPTOMS OF EXPOSURE**

**SKIN:** Irritation or reddening.

**EYES:** Irritation or burning sensation.

**INHALATION:** Irritation of respiratory tract, headache, dizziness, fatigue.

**INGESTION:** May cause severe gastrointestinal irritation, nausea, diarrhea, vomiting.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Allergies/Asthmatics.

### **EMERGENCY AND FIRST AID PROCEDURES**

**SKIN:** Wash with soap and water.

**EYES:** Flush with water for at least 15 minutes. Seek medical attention.

**INHALATION:** Remove individual to fresh air. Seek medical attention if required.

**INGESTION:** Call a physician or poison control center. Induce vomiting only on advice of a physician.

### **SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Eliminate all ignition sources. Small spills should be flushed with large quantities of water.

**WASTE DISPOSAL METHOD:** Dispose according to all applicable Local, State and Federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep away from heat and flame. Product should be stored in cool, dry place. Keep out of reach of children.

**OTHER PRECAUTIONS:** Use product as directed.

### **SECTION VIII: CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None necessary when product is used as directed.

#### **VENTILATION**

**LOCAL EXHAUST:** Recommended.

**MECHANICAL:** Acceptable.

**SPECIAL:** N/A

**OTHER:** N/A

**PROTECTIVE GLOVES:** Plastic or rubber gloves.

**EYE PROTECTION:** Optional safety glasses.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Plastic cape during processing.

**WORK/HYGIENIC PRACTICES:** Normal good work, hygienic practices.

**Date of preparation:** 6-02-05

**Prepared by:** David C. Ferguson

**N/A:** Not applicable

**N/D:** Not determined

**N/E:** Not established