



*Isopropyl Alcohol
Semi-perm-Color*

MATERIAL SAFETY DATA SHEET

**TRESSA, INC.
P.O. BOX 75320
CINCINNATI, OHIO 45275**

PHONE NUMBER FOR INFORMATION AND EMERGENCIES: 606-525-1300

SECTION I: IDENTIFICATION

PRODUCT NAME: IRRESISTIBLE COLOR

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/D
 VAPOR PRESSURE: N/A
 VAPOR DENSITY: N/A
 SPECIFIC GRAVITY: Approx. 1.00
 MELTING POINT: N/A
 EVAPORATION RATE: N/D
 SOLUBILITY IN WATER: Completely dispersable in water.
 APPEARANCE AND ODOR: Clear colored liquid with fragrance and mild alcohol odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 87 - 92°F
 FLAMMABLE LIMITS: N/D
 EXTINGUISHING MEDIA: Water spray, CO₂, 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 patch test 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/Asthmatica.

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 PREPARED: 11-25-96

PREPARED BY: William J. Inskeep Jr.

N/A = NOT APPLICABLE

N/D = NOT DETERMINED

N/E = NOT ESTABLISHED