



hair spray

MATERIAL SAFETY DATA SHEET

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

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

SECTION I: IDENTIFICATION

PRODUCT NAME: WORKING/FINISHING HAIR SPRAY

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

[HAZARDOUS COMPONENTS -(CAS NUMBER)- OSHA PEL - ACGIH/TLV - OTHER - %(OPTIONAL)]

Ethyl Alcohol	(64-17-5)	1000ppm TWA	1000ppm TWA	N/A
		1900mg/M ³	1880mg/M ³ TWA	

Propane	(74-98-6)	1000ppm TWA	N/A	N/A
		1800mg/M ³ TWA		

Butane	(106-97-8)	N/E	800ppm TWA	N/A
			1900mg/M ³ TWA	

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
 VAPOR PRESSURE: N/A
 VAPOR DENSITY: >1
 SPECIFIC GRAVITY: Approx. 0.83
 MELTING POINT: N/A
 EVAPORATION RATE: >3
 SOLUBILITY IN WATER: Of concentrate-complete
 APPEARANCE AND ODOR: Concentrate is yellow-white, liquid with herbal fragrance.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 65 TOC (Pure Ethanol)
 FLAMMABLE LIMITS: LEL 3.3 UEL 19
 EXTINGUISHING MEDIA: CO₂ or dry chemical for small fires. Foam for larger fires.
 SPECIAL FIRE FIGHTING PROCEDURES: Addition of water fog will aid in reducing burning rate.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable vapors may travel along floor to be ignited by distant ignition source.

SECTION V: REACTIVITY DATA

STABILITY DATA

UNSTABLE: No
 STABLE: Yes
 INCOMPATIBILITY: Heat, oxidizers, sparks and open flame.

HAZARDOUS POLYMERIZATION

MAY OCCUR: No
 WILL NOT OCCUR: Yes
 COMPATIBILITY: None

SECTION VI: HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

INHALATION: Avoid
SKIN: Avoid
INGESTION: Avoid
HEALTH HAZARD (Acute and Chronic): May be irritating to eyes, skin, and respiratory tract. Large doses may be toxic.

CARCINOGENICITY

CARCINOGEN: N/A
NTP: N/A
IARC MONOGRAPHS: N/A
OSHA REGULATED: N/A

SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: Irritant
EYES: Irritant
INHALATION: Irritant to respiratory tract
INGESTION: Moderate doses may act as depressant. Large doses may irritate stomach and affect nervous system.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash with soap and water.
EYES: Flush with water for 15 minutes seek medical attention.
INHALATION: Remove individual to fresh air. Seek medical attention if required
INGESTION: Induce vomiting, seek medical attention.

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. Large spills should be collected on absorbent media for disposal.
WASTE DISPOSAL METHOD: Incinerate liquid in furnace (where permitted). Do not incinerate container. Dispose according to Local, State and Federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Product should be stored in cool, dry place. Keep out of reach of children.
OTHER PRECAUTIONS: None

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: Air supplied mask in confined spaces.

VENTILATION

LOCAL EXHAUST: Recommended
MECHANICAL: Recommended
SPECIAL: N/A
OTHER: N/A
PROTECTIVE GLOVES: N/A
EYE PROTECTION: Optional safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash & safety showers (if necessary)
WORK/HYGIENIC PRACTICES: Normal good work, hygienic practices.

DATE PREPARED: 4-09-93

PREPARED BY: VINCENT FISCHER

N/A=NOT APPLICABLE
N/D=NOT DETERMINED
N/E=NOT ESTABLISHED