



TRESSA®

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: SUSTAIN DESIGN SPRAY

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

Ethyl Alcohol	(64-17-5)	1000ppm TWA 1900mg/M ³ TWA	1000ppm TWA 1880mg/M ³ TWA	N/A	60-65%
Isobutane	(75285)	N/A	N/A	N/A	20-22%
Propane	(74-98-6)	1000ppm TWA 1800mg/M ³ TWA	N/A	N/A	3-5%

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 173°F - 181°F *Aerosol concentrate ethanol*
VAPOR PRESSURE: 50 psig at 70°F
VAPOR DENSITY: Greater than 1
SPECIFIC GRAVITY: Less than 1
MELTING POINT: N/A
EVAPORATION RATE: 1
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: Aerosol spray clear colorless sweet odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 61°F TCC as ethanol
FLAMMABLE LIMITS: As ethanol, LEL 3.3, UEL 19.0
EXTINGUISHING MEDIA: CO₂, water spray, dry chemicals.
SPECIAL FIRE FIGHTING PROCEDURES: Addition of water fog will aid in reducing burning rate.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable vapors are heavier than air and may travel along floor to be ignited by distant ignition sources.

SECTION V: REACTIVITY DATA

STABILITY DATA

UNSTABLE: No
 STABLE: Yes

INCOMPATIBILITY: Heat, sparks, and open flame. Reacts with strong oxidizers or reducing agents. May produce toxic fumes or organic chlorides, amines, oxides of carbon and nitrogen.

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): None known

CARCINOGENICITY

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

SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: Irritation
EYES: Irritation
INHALATION: Irritation
INGESTION: N/D
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Moderate exposure may act as depressant.

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.
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 sources of ignition and heat. Ventilate area. Small spills flushed with water.
WASTE DISPOSAL METHOD: Treatment storage, disposal must be in accordance with Federal, State and Local regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from heat and flame. Contents under pressure. Do not puncture or incinerate. Keep out of reach of children.
OTHER PRECAUTIONS: Use as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:

VENTILATION

LOCAL EXHAUST: Recommended
MECHANICAL: Acceptable
SPECIAL: N/A
OTHER: N/A
PROTECTIVE GLOVES: N/A
EYE PROTECTION: Optional safety glasses.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station and safety shower if large quantities are used.
WORK/HYGIENIC PRACTICES: Normal good work, hygienic practices.

DATE PREPARED: 4-09-93

PREPARED BY:

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