



Perming lotion

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: **PLIANCE PERMING LOTION - A**

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

Glyceryl Monothioglycolate (30618-84-9)	N/A	N/A	N/A	80.0%
Thioglycolic Acid (68-11-1)	N/E	1ppm-TWA	N/A	1.0%
		3.8mg/M ³ TWA		

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/D
VAPOR PRESSURE: N/D
VAPOR DENSITY: N/D
SPECIFIC GRAVITY: 1.3
MELTING POINT: N/A
EVAPORATION RATE: N/D
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Clear viscous liquid with sulfur-like odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 300° F
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with full face-piece operated in positive pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Can release hydrogen sulfide and sulfur oxides under decomposition.

SECTION V: REACTIVITY DATA

STABILITY DATA

UNSTABLE: No
STABLE: Yes
INCOMPATIBILITY: Sodium bromate, hydrogen peroxide. Keep away from oxidizing materials.

HAZARDOUS POLYMERIZATION

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

SECTION VI: HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

INHALATION: Avoid
SKIN: Avoid
INGESTION: Avoid
HEALTH HAZARD (Acute and Chronic): Ingestion is toxic. Possible sensitization.

(CONTINUED ON BACK)

(SECTION VI: HEALTH HAZARD DATA CONTINUED)

CARCINOGENICITY

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

SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: Irritation and softening on prolonged contact.
EYES: Irritation on contact.
INHALATION: N/A
INGESTION: Irritation of gastrointestinal tract.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Flush with large amounts of water without rubbing. Remove contaminated clothing.
EYES: Flush continuously with water for at least 15 minutes. Seek medical attention if required.
INHALATION: Remove to fresh air. Seek medical attention if required.
INGESTION: Do not induce vomiting. Get immediate medical attention for gastric lavage.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dilute with large quantity of water. Cover with absorbent material.
WASTE DISPOSAL METHOD: Absorb with non-combustible absorbent material. Dispose according to Local, State and Federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not splash on skin, eyes or clothing. Store in cool place.
OTHER PRECAUTIONS: None

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: None

VENTILATION

LOCAL EXHAUST: Recommended
MECHANICAL: Recommended
SPECIAL: N/A
OTHER: N/A
PROTECTIVE GLOVES: Rubber or plastic gloves.
EYE PROTECTION: Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Plastic cap and cotton band around hairline while processing.
WORK/HYGIENIC PRACTICES: Normal good work/hygiene practices.

DATE PREPARED: 4-9-93

PREPARED BY: VINCENT FISCHER

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