

SERMATECH INTERNATIONAL INCORPORATED

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **SermaSeal 134 Part 2**
Manufacturer's Name: **Sermatech International Incorporated**
Address: **155 South Limerick Road, Limerick, Pa 19468**
Business Telephone #: 610-948-5100
Emergency Telephone #: Chemtrec USA: 800-424-9300 or Chemtrec International: 703-527-3887
MSDS Issue Date: 9/16/03
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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS #</u> | <u>WT%</u> | <u>ACGIH-TWA</u> | <u>EXPOSURE GUIDELINES</u> | | <u>SEC 313</u> |
|--------------------------|--------------|------------|------------------|----------------------------|-----------------|----------------|
| | | | | <u>OSHA-PEL</u> | <u>EH40</u> | |
| Polytetrafluoro-ethylene | 9002-84-0 | 50-70 | Not established | 15 mg/m ³ | Not established | No |
| Surfactant | 9016-45-9 | 2-10 | | None established | | No |
| Water | 7732-18-5 | 20-40 | | None established | | No |

NONHAZARDOUS INGREDIENTS WITHHELD AS A TRADE SECRET

SECTION 3 - HAZARD IDENTIFICATION

HAZARD OVERVIEW
 Milky white liquid, slight ammonia odor. May cause eye irritation on contact.

Potential Health Effects

EYE: Prolonged or repeated contact may cause irritation.

SKIN: This compound is not a skin irritant.

INGESTION: No observable toxic effects.

INHALATION: Inhalation of fumes for overheating or burning resin may cause polymer fume fever, a temporary flu-like illness with fever, chills, and sometimes cough of approximately 24 hour duration.

CHRONIC (CANCER) INFORMATION: None expected

TERATOLOGY (BIRTH DEFECTS) INFORMATION: None

REPRODUCTION INFORMATION: None

SECTION 4 - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes. Get medical attention.

SKIN: Flush with water. Wash contaminated clothing before reuse.

INGESTION: If swallowed, give water and induce vomiting. Never give anything by mouth to an unconscious person.

INHALATION: Remove victim to fresh air. Get medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: Approx. 1000°F

METHOD: ASTM D1929

FLAMMABLE LIMITS:

Lower flammable limit: N/A

Upper flammable limit: N/A

AUTOIGNITION TEMPERATURE: 968 - 1040°F

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield HF.

EXTINGUISHING MEDIA: Water, foam, dry chemical, CO₂

FIRE FIGHTING INSTRUCTIONS: Wear appropriate protective clothing

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb onto inert absorbent. Rinse spill area with water.

LARGE SPILL: N/A

SECTION 7 - HANDLING AND STORAGE

HANDLING: Avoid skin contact.

STORAGE: Store in original container at 50-80°F. DO NOT FREEZE

SHELF LIFE: Six (6) months unmixed, 30 days mixed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Mix and apply coating in a well ventilated area.

RESPIRATORY PROTECTION: Wear approved respirator for spray application.

SKIN PROTECTION: Wear gloves.

EYE PROTECTION: Wear appropriate glasses or goggles.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Melting point: 630°F

% volatile: 20-40% (water)

Solubility in water: Solids insoluble, dispersion may be diluted.

pH: Approx. 10

Appearance/odor: Milky liquid, ammonia odor

Specific gravity: 1.4 - 1.5

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield HF

HAZARDOUS POLYMERIZATION: Will not occur

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SECTION 11 - TOXICOLOGICAL INFORMATION

SKIN: Not considered toxic.

INGESTION: Not considered toxic.

INHALATION: Not considered toxic.

SUBCHRONIC: N/A

CHRONIC/CARCINOGENICITY: Not considered a carcinogen by ACGIH, IARC, OSHA, NTP

TREATOLOGY: No information.

REPRODUCTION: No information.

MUTAGENICITY: No information.

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SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No information.

CHEMICAL FATE INFORMATION: No information.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of according to all applicable local, state, and federal regulations.

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SECTION 14 - TRANSPORT INFORMATION

Proper shipping Name: Non hazardous high temperature coating.

Hazard Rating (DOT Class): Not regulated.

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SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

OSHA: This product is not considered a hazardous waste per 29CFR 1910.1200

TSCA: All ingredients are on the TSCA inventory.

SECTION 313:

HAZARDOUS INGREDIENTS IDENTIFIED IN THE SEC 313 COLUMN OF SECTION 1 ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: Not regulated.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All ingredients of this product are on the Domestic Substance List and acceptable for use under the provisions of CEPA.

UK CLASSIFICATION FOR SUPPLY:

R36/38: Irritating to eyes and skin.

S24/25: Avoid contact with skin and eyes.

SECTION 16 - OTHER INFORMATION

SermaSeal 134 is a high temperature lubricating coating. It is mixed by adding equal parts by volume of Parts 1 and 2.

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|----------------------|----------|--------------|------------|----------|--|
| HMIS RATINGS: | Health | Flammability | Reactivity | | |
| | 2 | 0 | 1 | | |
| 0=Minimal | 1=Slight | 2=Moderate | 3=Serious | 4=Severe | |

This information is furnished without warranty, expressed or implied; except that it is accurate to the best knowledge of Sermatech Intl. Inc. The above data relates only to the product listed.
