SAFETY DATA SHEET

Company Name: Baker Forge & Tool LLC

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1. COMPANY AND PRODUCT INFORMATION

Product Name: Gator Skin

Product Number: GS-1001

Chemical Name: Silane Mixture

Chemical Family: Polymeric Resin-Solvent Blend

Chemical Formula: Proprietary Blend

Product Use: FDA compliant, re-coatable, food safe, non-stick coating suitable for cutting instruments and blades

EPA Co. No.: 096235

EPA Reg. No.: 83019-1

EPA Est. No.: 96235-CA-1

HMIS RATINGS:

Health Hazard: 1

Flammability Hazard: 3

Reactivity Hazard: 0

PPH: H

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2. HAZARDS IDENTIFICATION

LABEL STANDARD:



EMERGENCY OVERVIEW:

Single Word: Warning

ROUTES OF ENTRY:

Eyes, Skin, Inhalation, Ingestion

POTENTIAL HEALTH EFFECTS

SHORT-TERM EXPOSURE (ACUTE):

- **Inhalation:** May cause respiratory tract irritation. At higher vapor concentrations, inhalation may affect central nervous systems.
- **Eyes:** May cause irritation.

- **Skin:** May cause irritation through absorption.
- **Ingestion:** Harmful if swallowed.

REPEATED EXPOSURE (CHRONIC):

No known application information at this time.

Medical Conditions Aggravated by Exposure:

No known application information at this time.

CARCINOGENICITY:

- OSHA: N/A
- ACGIH: N/A
- NTP: N/A
- IARC: N/A
- Other: There are no known carcinogenic ingredients present at over 0.1% in this material.

SECTION 2 NOTES:

Above information is based on standard industrial use of this product. Abnormal use and contact may result in increased damage and irritation to all affected areas.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Ingredients identified as toxic per SARA guidelines (Section 313 of 40 CFR 372):

CAS NUMBER	CHEMICAL NAME	PERCENTAGE VALUE (%)
199111-50-7	(Trihydroxysilyl)propyldimethyloctadecyl ammonium chloride	1.0

9006-65-9	Polysilazane Mixture	18-30
540-88-5	Tert-Butyl Acetate	25-40
64741-66-8	Petroleum Solvent	5-12
Unlisted Ingredients	Proprietary (not listed in SARA classification)	15-40

SECTION 3 NOTES:

Ingredients not listed here are not classified under SARA and are deemed proprietary.

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4. FIRST AID MEASURES

Eye Contact:

Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact:

Wash contact area thoroughly with soap and water. Wash clothing separately from other garments. If irritation persists, stop using garments and seek medical advice.

Inhalation:

Remove to fresh air. If breathing is difficult, have a trained person administer oxygen and seek medical attention.

Ingestion:

Do not induce vomiting. Seek medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Administration of absorbents may be of value.

SECTION 4 NOTES:

Always wear protective eyewear, gloves, and clothing when handling any chemicals.

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5. FIRE FIGHTING MEASURES

Flammable Limits in Air:

Not determined at this time.

Flash Point: 100°F / 38°C

Method Used: Closed Cup

Auto-Ignition Temperature: 590°F / 310°C

Extinguishing Media:

Carbon Dioxide, Dry Chemical Powder, Extinguishing Foam Media.

Fire Fighting Procedures:

Evacuate all unnecessary personnel. Shut down all electrical devices in exposed area. Use water to keep adjacent containers cool to prevent pressure build-up. Wear self-contained breathing apparatus and full protective clothing.

Fire and Explosion Hazard:

Container explosion may occur under fire conditions. Toxic fumes from container may be emitted under fire conditions.

Hazardous Decomposition Products:

Chlorine-containing gas, Fluorine-containing gas may be discharged upon decomposition.

SECTION 5 NOTES:

Avoid static charge build-up. Static charge could ignite heavy vapors.

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6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:

Determine whether to evacuate or isolate the area per your local emergency plan. For large spills, provide emergency diking to contain materials. After removal of bulk material, use an absorbent for final cleanup. Remove waste materials to a location per local, state, or federal waste management regulations.

SECTION 6 NOTES:

Always wear personal protective equipment when handling chemicals and waste products. Refer to Section 8 for Personal Protective Equipment.

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7. HANDLING AND STORAGE

Storage and Handling:

Store in a cool, dry location with adequate ventilation. Do not store in direct sunlight. Keep containers tightly sealed when not in use. Avoid leaving open containers during use. Store in temperatures between 55°F (13°C) and 80°F (27°C).

Other Precautions:

Always wear protective clothing when handling chemicals. See Section 8 for details.

SECTION 7 NOTES:

Do not smoke when handling materials. Keep away from moisture and standing water.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate Hygiene Practices:

Use proper cleaning soaps and solutions for all body parts. Eye wash stations and showers in accordance with OSHA and local safety regulations are advised and should be in close proximity.

Engineering Controls:

Local and general ventilation is recommended.

Respiratory:

Use respiratory protection unless adequate ventilation is in place and assessed to provide proper air movement for recommended exposure. Follow OSHA requirements for respirator regulations (29 CFR 1910.134).

Eyes/Face:

Always wear protective eyewear or goggles. Recommend use of full-face respirator for large-volume handling and spills.

Skin:

Chemical protective gloves are always recommended. Wash exposed skin immediately if contact with chemical occurs.

Other Protective Clothing or Equipment:

Use chemical-resistant aprons, shoe covers, and face shields for any handling of chemicals.

Exposure Guidelines:

Refer to Sections 4, 7, and 8 for contact and exposure recommendations.

SECTION 8 NOTES:

All precautions are based on room temperature handling. Elevated temperatures may increase the need for extra care in handling materials.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear Liquid / Strong Solvent to Ammonia / Naphthalenic Odor

Total Non-Exempt VOC (grams/liter): 0.0 g/L

VOC content less exempt compounds: 560 g/L per 40 CFR 51.100(s)

Freezing Point: -32°F / -36°C

Viscosity: 12-17 Seconds (#2 Zahn Cup) @ 77°F / 25°C

Flash Point: 100°F / 38°C

Boiling Point: >282.2°F / >139°C

Specific Gravity: 0.889 @ 68°F / 20°C

Solids (%): <38

Molecular Weight: <55 ps

Solubility in Water: Insoluble

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10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to Avoid): Oxidizers, Isocyanates, Water, Protic Solvents, Mineral Acids, and Alkalis

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Chlorine-containing gases, Fluorine-containing gases, Carbon Monoxide, Carbon Dioxide, and Silicon Dioxide

Conditions to Avoid (Polymerization): N/A

SECTION 10 NOTES:

The above criteria may not include all materials that affect stability, but per testing, the information is accurate to the best of our knowledge.

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11. TOXICOLOGICAL INFORMATION

Carcinogenicity Information:

Not listed as a carcinogen by NTP, OSHA, or IARC.

Reported Human Effects:

No human studies have been conducted with this material. When used as directed, it should not have adverse effects.

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12. ECOLOGICAL INFORMATION

This material may be hazardous to aquatic organisms. Avoid release to surface waters and waste treatment systems.

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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Do not mix with aqueous or other protic waste streams. Incineration in a permitted facility per local, state, and federal regulations is recommended.

RCRA Hazard Class: I / Ignitable

SECTION 13 NOTES:

Local and state regulations may exceed federal standards. Consult local waste authority for proper disposal requirements.

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14. TRANSPORTATION INFORMATION

US DOT:

- Proper Shipping Name: Paint Related Materials
- Hazard Class: 3
- UN Number: 1263
- Packing Group: III
- Label Statement: Flammable Liquid

Water Transportation:

- Proper Shipping Name: Paint Related Materials
- Hazard Class: 3
- UN Number: 1263
- Packing Group: III
- EmS No.: 30 S-E, F-E
- Label Statement: Flammable Liquid

Air Transportation:

- Proper Shipping Name: Paint Related Materials
- Hazard Class: 3
- UN Number: 1263
- Packing Group: III
- Label Statement: Flammable Liquid

Consumer Commodity:

- ID Number: 8000
- Hazard Class: 9

- Label Statement: Label ORM-D Domestic

SECTION 14 NOTES:

Labels must match on both SDS and packaging as required.

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15. REGULATORY INFORMATION

U.S. Federal Regulations:

- **EPA FIFRA Registration:** Gator Skin is a Federal fungicide-regulated antimicrobial, EPA Reg. No. 83019-1
- **TSCA Exemption/Exclusion:** Excluded from U.S. TSCA notification requirements per 40 CFR 720.30(a).
- **CERCLA:** None
- **SARA TITLE III:** None

311/312 HAZARD CATEGORIES:

- Acute: No
- Chronic: No
- Fire: Yes
- Pressure: No
- Reactive: No

313 REPORTABLE INGREDIENTS:

None present or none in regulated quantities.

STATE REGULATIONS:

Exempt list per 40 CFR 51.100(s).

INTERNATIONAL REGULATIONS:

Subject to specific country, province, state, or district regulations.

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16. OTHER INFORMATION

EPA Reg. No.: 83019-1

EPA Est. No.: 96235-CA-1

Prepared By: Baker Forge & Tool LLC

Disclaimer:

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