

ROGER A. REED, INC.

SAFETY DATA SHEET

SECTION 1. Identification

Product Identifier: 19.928 SYNTHETIC BEESWAX

Product Use: Lubricant.

Distributor: Grobet File Company of America
750 Washington Avenue, Carlstadt, NJ 07072
Phone: 201-939-6700

Emergency telephone number: Chem Tel: 800-255-3924

SECTION 2. Hazards identification

Classification of the substance or mixture

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Health	Not Classified.
Environmental	Not Classified.
Physical	Not Classified.

GHS Label elements

Hazard symbol	Not applicable.
Signal word	Not applicable.
Hazard Statement	This material does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance to local authority requirements.

Hazard(s) not otherwise Classified (HNOC) None known.

SECTION 3. Composition/information on ingredients

Substance / Mixture: Mixture

Chemical name	Common name and synonyms	CAS number	%
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There are no hazardous components present or above their applicable thresholds.



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SECTION 4. First-aid measures

Description of first aid measures

- Inhalation:** If exposed to excessive levels of fumes, remove to fresh air and get medical attention if cough or other symptoms develop. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call physician if symptoms develop or persist.
- Skin contact:** If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention.
- Eye contact:** If hot product contacts eye, flush with water for at least 15 minutes and seek medical attention immediately.
- Ingestion:** No specific first aid measures noted. Not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Contact with hot product may cause severe burns. Get medical attention if symptoms appear. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

- Inhalation:** No specific data.
- Skin:** When heated, contact with molten product can cause injury and burns.
- Eyes:** When heated, contact with molten product can cause injury and burns. When heated, fumes from molten product may cause temporary eye irritation. Symptoms may include redness, discomfort, and excessive tearing.
- Ingestion:** No specific data.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5. Fire-fighting measures

Extinguishing media:

Suitable extinguishing media: Foam, dry chemical powder, water fog, carbon dioxide.

Unsuitable extinguishing media: Do not use water stream as it may scatter and spread fire.

Specific hazards arising from the chemical:

By heating and fire, irritating vapors/gasses may be formed. During fire, gases hazardous to health may be formed.



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Hazardous thermal decomposition products:

Decomposition products may include: Carbon oxides, irritating volatile organic compounds and soot.

Special protective equipment and precautions for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions:

In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk involved. Do not direct water at source of leak or safety device as icing may occur. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, used unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards:

No unusual fire or explosion hazards noted.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Wear suitable protective equipment and clothing. Avoid inhalation of fumes from molten product. Avoid contact with hot material. Ensure adequate ventilation. For personal protection see section 8 of the SDS.

Environmental precautions:

Avoid entry into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up:

Handle as a thermoplastic. Dike to contain spill. Absorb with inert material such as sand earth, vermiculite. After cooling, scrape and/or shovel material. Collect and dispose of as indicated in section 13 of the SDS.

SECTION 7. Handling and storage

Precautions for safe handling: Avoid contact with hot material. Avoid breathing vapor from heated material. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.

Conditions for safe storage, including any incompatibilities:

Store below 85°F (30°C). Store in accordance with local regulations. Store in original container away from direct sunlight, heat, sparks and open flame. Store in a dry, cool and well-ventilated area away from incompatible materials (see section 10 of the SDS) and food and drink. Keep container tightly closed and sealed until ready for use.



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SECTION 8. Exposure controls/personal protection

Occupational exposure limits

Ingredient name	Exposure Limits	
Paraffin waxes and Hydrocarbon waxes CAS 8002-74-2	ACGIH TLV NIOSH REL OSHA PEL	TWA: 2 mg/m ³ 8 hours. Form: Fume TWA: 2 mg/m ³ 10 hours. Form: Fume TWA: 2 mg/m ³ 8 hours. Form: Fume
Appropriate engineering controls:	Use adequate ventilation to keep exposure below recommended limits. Ensure eye wash station and safety shower are close to work station.	
Eye/face protection:	Face shield is recommended. Wear face shield when working with molten material. Wear safety glasses with side shields (or goggles).	
Skin protection:	Wear heat protective, impervious, chemical resistant gloves and clothing when handling molten material.	
Respiratory protection:	Provide good ventilation.	
Ingestion:	Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and footwear before re-use.	

SECTION 9. Physical and chemical properties

Appearance:	
Physical State:	Solid @25°C (77°F)
Form:	Blocks
Color:	White to pale yellow.
Odor:	Slight petroleum odor.
pH:	Not available.
Melting point:	50 - 55°C (122 - 131°F)
Initial boiling point and boiling range:	Not available.
Flash point:	Approximately 250°C (482°F)
Evaporation rate:	Not available.
Flammability (solid, gas):	Will support a flame above flash point.
Upper/lower flammability or explosive limits:	Not available.

Vapour pressure:	Not available.
Vapour density:	Not available.
Specific gravity:	<1 (H ₂ O =1, 25°C)
Solubility(ies):	
Water:	Negligible
Organic solvent:	Soluble
Partition coefficient (oil/water):	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.

SECTION 10. Stability and reactivity

Reactivity:	The material is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability:	The material is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid:	Oxidizing agents, strong acids, direct sunlight, heat, sparks, static electricity, temperatures exceeding flash point, open flame and other ignition sources.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Burning can produce oxides of carbon, irritating volatile organic compounds and soot.

SECTION 11. Toxicological information

Information on likely routes of exposure

Inhalation:	Inhalation of vapors/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing or difficulty breathing. Inhalation of dusts may cause respiratory irritation.
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Ingestion: May be harmful if swallowed. May cause stomach distress, nausea and vomiting. Thermal burn hazard – contact with hot material may cause thermal burns.

Skin contact: Thermal burn hazard – contact with hot material may cause thermal burns.

Eye contact: Thermal burn hazard – contact with hot material may cause thermal burns. Fumes released during thermal processing may cause eye irritation.

Information on toxicological effects:

Acute toxicity: Not expected to be acutely toxic.

Skin corrosion/irritation: Thermal burn hazard – contact with hot material may cause thermal burns.

Serious eye damage/irritation: Not classified. Direct contact of molten product to the eyes will cause thermal burns and eye injury.

Respiratory or skin sensitization:

Respiratory sensitization: Not classified.

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not expected to be hazardous by OSHA criteria.

Reproductive Toxicity: Not classified.

Specific target organ Toxicity – single exposure: Not classified.

Specific target organ Toxicity – repeated exposure: Not classified.

Aspiration hazard: Solid product: Not likely, due to the form of the product. Aspiration of large amounts of liquid material is reported to cause lipid pneumonia.

Chronic effects: Not expected to be hazardous by OSHA criteria. Exposure to vapors, fumes or smoke from molten material handled in confined areas can produce irritation of respiratory tracts, and possible physical discomfort to sensitive individuals. In rats, chronic ingestion has shown accumulation in target organs (liver, spleen) with associated nonspecific immune response.

SECTION 12. Ecological information

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Other adverse effects: Not available.

SECTION 13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Waste from residues/unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14. Transport information

UN Number: Not regulated as a hazardous material.

UN Proper Shipping Name: Not applicable.

Transport hazard class(es): Not applicable.

Packaging group: Not applicable.

U.S. Department of Transportation (DOT): Not classified as Hazardous for Transport.



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International Maritime Dangerous Goods (IMDG): Not classified as Hazardous for Transport.

International Air Transport Association (IATA): Not regulated.

SECTION 15. Regulatory information

U.S. Federal Regulations This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard – No
Delayed Hazard – No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous Chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US State Regulations

The following chemicals are specifically listed by individual States:

<u>Component</u>	<u>CAS#</u>	<u>State “Right to Know” Lists</u>
Paraffin wax	8002-74-2	MA, NJ, PA

California Prop 65: None of the components are listed.

SECTION 16. Other information

Disclaimer: The information contained herein is based on data considered to be accurate and reliable. No warranty is expressed or implied regarding the accuracy or correctness of this data. It is the user's obligation to determine the safe use of the product since conditions of use, handling, storage and disposal are beyond our control.



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