

Safety Data Sheet

GruberCare Edge and Flange Wax

SDS No. 20007.00

Date of Preparation: 7/17/15

Revision: 7/17/15

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: GruberCare Edge and Flange Wax

General Use: Wax

Manufacturer: Marshall-Gruber Company, LLC
A subsidiary of The R. J. Marshall Company
220 Airport Drive
Mansfield, TX 76063
Phone: (682)422-9674, Fax: (682)518-9762

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Preparer: Stephanie Nichols

Section 2 – Hazards Identification

Classification of the chemical in accordance with paragraph (d) of 1910.1200: Hazardous.

GHS Classifications:

Flammable Solid Category 2

Germ Cell Mutagenicity Category 1B

Carcinogenicity Category 1B

Eye Irritant Category 2

STOT SE Category 3

Aspiration Toxicity Category 1

Signal words: Danger



Symbol:

Hazard statements:

H229: Flammable solid

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H340: May cause genetic defects.

H350: May cause cancer.

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P271: Use in well ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P311: If swallowed: Call a Poison Center or physician.

EU Hazard Classification per Directive 1999/45/EC:

Classification: [F] Flammable, [Xn] Harmful

Risk Phrases: R10: Flammable, R36/38: Irritating to eyes and respiratory system, R45: May cause cancer, R46: May cause heritable genetic damage, R65: Harmful: may cause lung damage if swallowed.

Safety Phrases: S7/9: Keep container closed and in a well ventilated space, S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S39: Wear eye/face protection.

Annex II Hazard Symbol:



Hazards not otherwise classified: None

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS#	EINECS#	Weight %
Kerosene	64741-85-1	265-149-8	35-45%
Mineral Spirits	64742-88-7	265-191-7	15-25%
Solvent Naptha Light Aromatic	64742-95-6	265-199-0	1-10%
Blend of Paraffin waxes and Hydrocarbon waxes	8002-74-2	232-315-6	20-30%

Each of the other components is present in less than 1 percent concentration (0.1% concentration) for potential carcinogens, reproductive toxins, respiratory tract sensitizer, and mutgens.

Section 4 - First Aid Measures

Description of necessary measures, subdivided according to the different routes of exposure:

Inhalation: Remove to fresh air. In the event of breathing difficulties, get medical advice/attention immediately.

Eye Contact: Flush eyes under gentle running water. Use sufficient force to open eyelids. Have victim “roll” eyes. Continue flushing for a minimum of 15 minutes. Remove contact lenses, if worn. Seek medical attention.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with plenty of soap and water. Consult a physician if irritation develops and persists. Wash contaminated clothing before using it again.

Ingestion: Call a physician or poison control center. Take a copy of the label and SDS with the victim to the health professional.

Most important symptoms/effects, acute and delayed: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may be more susceptible to the effects of the substance.

Indication of immediate medical attention and special treatment needed: Treat symptoms and eliminate overexposure.

Section 5 - Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide

Unsuitable Extinguishing Media: None known.

Unusual Fire or Explosion Hazards: Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Sensitive

Fire-Fighting Instructions: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Remove all unnecessary personnel. Eliminate all sources of ignition. Wear appropriate protective equipment, including respiratory protection, as conditions warrant.

Environmental precautions: Prevent spilled material from entering sewers, storm drains, or other unauthorized treatment drainage systems, and natural waterways. Notify fire authorities and appropriate federal, state, and local agencies.

Methods and materials for containment and cleaning up:

Small spills: Absorb spill with inert material (e.g. vermiculite, sand, or earth), then place in suitable container.

Large spills: Eliminate all ignition sources; ground all equipment; do not walk through spill; stop spill if possible; prevent entry into sewers, confined spaces, etc; use a vapor suppressing foam to reduce vapors; absorb spill with non-combustible matter and transfer to containers; use non-sparking tools to collect absorbed material. Dispose of in accordance with applicable Federal, State, and local regulatory procedures.

Section 7 - Handling and Storage

Precautions for safe handling: Do not eat, drink, or smoke during use. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Store in a dry, cool, well-ventilated place, keep away from possible sources of ignition. Flammable material-keep away from heat, sparks, and flame; sudden releases of hot organic vapors or mists from process equipment operating at elevated temperature may result in ignitions without the presence of obvious ignition sources.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Protective Clothing/Equipment:

Hand protection: Compatible protective gloves recommended. Wash hands after removing gloves. If necessary, refer to US OSHA 29CFR1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australia, or Japan.

Body protection: Use body protection appropriate for the task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, EU, Australia, and Japan. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection as described in US OSHA 29CFR1910.136.

Eye protection: Splash goggles or safety glasses with side shields recommended to prevent eye contact. If necessary refer to US OSHA 29CFR1910.133, Canadian Standards, and European Standard EN166, Australian Standards, or relevant Japanese Standards.

Respiratory protection: Not normally required when working with this product. If exposure limits are exceeded, use only respiratory protection authorized in the US Federal OSHA Respiratory Protection Standard (29CFR1910.134), equivalent US State Standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Ingredient	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Kerosene	None listed	None established	200 mg/m ³	None established
Mineral Spirits	100 ppm	None established	100 ppm	None established
Solvent Naptha Light Aromatic	100 ppm	None established	100 ppm	None established
Blend of paraffin waxes and hydrocarbon waxes	None established	None established	None established	None established

Section 9 - Physical and Chemical Properties

Appearance: green solid wax

Odor: slight hydrocarbon odor

Odor Threshold: not available

pH: not available

Freezing/Melting Point: not available

Boiling Point: 318-388°F (158.9-197.8°C)

Flash Point: >87.9°F (>31.1°C)

Flash Point Method: not available

Evaporation Rate: 0.13

Flammability: Flammable

Upper/lower flammability or explosive limits: not available

Vapor Pressure: 0.71 kPa

Vapor Density (Air=1): 4.1

Relative Density: 0.91

Water Solubility: insoluble

Other Solubilities: not available

Partition coefficient: n-octanol/water; not available

Auto-ignition Temperature: not established

Decomposition Temperature: not available

Viscosity: not applicable

Calculated VOC: 4.50 lbs/gal (583.7 g/l)

Section 10 - Stability and Reactivity

Reactivity: None known.

Chemical Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions: Will not occur

Conditions to Avoid: Excessive heat, open flame, and other sources of ignition, incompatible materials.

Incompatible materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and other toxic gases.

Section 11- Toxicological Information

Information on the likely routes of exposure: Skin, Eye, Inhalation, and Ingestion.

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye: Contact with liquid or vapor can cause irritation.

Skin: Repeated or prolonged exposure may cause skin irritation with dryness and cracking.

Ingestion: May cause gastrointestinal irritation with headache, nausea, vomiting, dizziness or drowsiness. Aspiration hazard if swallowed and enters airways.

Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation.

Delayed and immediate effects and also chronic effects from short and long-term exposure: See above.

Numerical measures of toxicity: Not available.

Carcinogenicity: Neither this product nor any of its components are considered carcinogenic by OSHA, IARC, NTP, or ACGIH.

Irritancy of product: None known.

Sensitization to the product: None known.

Reproductive toxicity:

Mutagenicity: No mutagenic effects in humans.

Embryotoxicity: No embryotoxic effects in humans.

Teratogenicity: No teratogenic effects in humans.

Reproductive toxicity: No reproductive effects in humans.

Section 12 - Ecological Information

Eco-toxicity: No data available

Persistence and degradability: no data available.

Bio-accumulative potential: information not available

Mobility in soil: information not available

Other adverse effects: None known.

Section 13 - Disposal Considerations

Disposal: Follow applicable Federal, state, and local regulations.

EU Waste Code: Not listed.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Limited quantities of flammable solids (Division 4.1) in Packing Groups II and III and, where authorized by this section, in Packing Group III, are excepted from labeling requirements, unless the material is offered for transportation or transported by aircraft, and are excepted from the specification packaging requirements of this subchapter when packaged in combination packaging according to this paragraph. A limited quantity package that conforms to the provisions of this section is not subject to the shipping paper requirements of subpart C of part 172 of this subchapter unless the material meets the definition of a hazardous substance, hazardous waste, marine pollutant, or is offered for transportation and transported by aircraft or vessel and is eligible for the exceptions provided in 173.156 of this part.

In addition, shipments of limited quantities are not subject to subpart F (Placarding) of part 172 of this subchapter. Each package must conform to the packaging requirements of subpart B of this part and may not exceed 30 kg (66 pounds) gross weight. For flammable solids in Packing Group III, inner packaging not over 5.0 kg (11 pounds) net capacity each, packed in a strong outer packaging.

Road and Rail Transport:

UN Number: UN1325

UN proper shipping name: Flammable solid, organic, n.o.s., (Contains Solvent Naptha)

Transport hazard classes: Class 4.1 Flammable solid

Packaging group: PGIII

Environmental hazards: Not designated to be Marine Pollutants (49CFR172.101, Appendix B)

Special precautions for user: None

North American Emergency Response Guidebook: 133

RQ Quantity: None

International Air Transport Association (IATA): This product is considered as dangerous goods. This product may be shipped via air in max container size of 1kg (10 kg max). Maximum net qty. per package-25 kg passenger aircraft and 100 kg cargo aircraft.

International Maritime Organization (IMO): This product is considered as dangerous goods.

European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR): This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) not listed

SARA Toxic Chemical Section 313(40 CFR 372.65): Not listed

SARA EHS Section 302(Extremely Hazardous Substance) (40 CFR 355): Not listed

SARA Hazardous Chemical Section 311/312: Acute Health: Yes, Chronic Health: No, Fire: Yes, Reactivity: No

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.????)

California Proposition 65: This product may contain ingredients in trace amounts that are currently listed on California Proposition 65 Chemical List. **WARNING!** This product may contain trace ingredients that are known to the State of California to cause cancer or reproductive harm.

HMIS: Health: 2 Flammability: 1 Reactivity: 0

NFPA: Health: 1 Flammability: 3 Reactivity: 0

Inventory Lists: This product or its components are listed on the following inventory lists:

TSCA	Australia AICS	Canada DSL	China IECSC	Europe EINECS	Japan ENCS	Korea ECL	New Zealand NZIoC	Taiwan
Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

Asia- Pac	Philippines PICCS	Swiss Giftliste
Listed	Listed	Listed

Canadian Environmental Protection Act (CEPA) priorities substances lists: No component of this product in on the CEPA First Priorities Substances Lists.

Canadian WHMIS Classification and Symbols: This product is categorized as Class B Division 4 Flammable solid and D2B Materials having other toxic effects as per the Controlled Product Regulations.



EU Hazard Information: See Section 2.

Australia Standard for the Uniform Scheduling of Drugs and Poisons: Not applicable.

Japan: The components of this product are not listed as Class I specified chemical substances, Class II specified chemical substances, or designated chemical substances by the Japanese MITI.

Section 16 - Other Information

Prepared By: Stephanie Nichols

Revision Notes: updated to SDS format

Product Grades Available from the R. J. Marshall Company (this list may be incomplete):

010617	010618	010619	010620	010645
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