

Safety Data Sheet

GruberCare Ex-Wax Extrudable Wax

SDS No. 20006.00

Date of Preparation: 7/16/15

Revision: 7/16/15

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: GruberCare Ex-Wax Extrudable Wax

General Use: Industrial use

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

Emergency Phone: (800)424-9300

Date Revised: 7/16/15

Preparer: Stephanie Nichols

Section 2 – Hazards Identification

Classification of the chemical in accordance with paragraph (d) of 1910.1200: Non-hazardous.

Signal words: None

Symbol: None

Hazard statements: None

Precautionary statements: None

Hazards not otherwise classified: None

Section 3 – Composition/Information on Ingredients

This material contains no hazardous ingredients.

Section 4 - First Aid Measures

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

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

Eye Contact: If irritation or redness develops from exposure to fumes generated during hot-melt processing operations, move victim away from exposure and into fresh air. Flush eyes with clean water. If irritation or redness persists, seek medical attention. For contact with the molten material, gently open eyelids and flush affected eye(s) with cold water. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with plenty of water. Consult a physician if irritation persists. Wash contaminated clothing before using it again. For contact with molten material, leave material on skin and flush or immerse affected area(s), using cold water. Seek medical attention.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. If molten material is swallowed, seek immediate medical attention.

Most important symptoms/effects, acute and delayed: Irritation of the nose and throat.

Indication of immediate medical attention and special treatment needed: None

Section 5 - Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical, foam, water, sand, or earth is recommended.

Unsuitable Extinguishing Media: None known.

Unusual Fire or Explosion Hazards: Material may burn, but will not ignite readily.

Fire-Fighting Instructions: Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus (SCBA) for fires beyond the incipient state. In addition, wear other appropriate protective equipment as conditions warrant. Isolate danger area, keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Move undamaged containers from the danger area if it can be done with minimal risk. With water, cool equipment exposed to fire if it can be done with minimal risk.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Remove all unnecessary personnel. Eliminate all sources of ignition. Stay upwind and away from spill. 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: Minimize dust generation. Sweep up and package appropriately for disposal.

Section 7 - Handling and Storage

Precautions for safe handling: Keep away from heat, sparks, and naked flames. Do not smoke or use matches or lighters. Do not eat, drink, or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Store only in the original container. Store in a dry, cool, well-ventilated place, keep far away from sources of heat, naked flames, sparks, and other sources of ignition. Keep containers away from any incompatible materials. Keep containers tightly closed.

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: Not normally required for the solid material. The use of thermally-resistant gloves is recommended when there is potential for exposure to molten wax.

Eye protection: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended.

Respiratory protection: Not necessary when working with the solid material. If airborne concentrations of wax fumes, generated from molten wax are expected, a NIOSH/MSHA approved air purifying respirator with a dust/mist/fume filter may be used.

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
Particulates Not Otherwise Classified	15 mg/m ³ total dust 5 mg/m ³ respirable	None established	None established	None established

Section 9 - Physical and Chemical Properties

Appearance: soft pliable solid

Odor: slight wax odor

Odor Threshold: not available

pH: not available

Freezing/Melting Point: 150-160°F (65-71°C)

Boiling Point: >500°F (>260°C)

Flash Point: not available

Flash Point Method: not available

Evaporation Rate: not available

Flammability: will burn, but not ignite.

Upper/lower flammability or explosive limits: not available

Vapor Pressure: not available

Vapor Density (Air=1): >1

Relative Density: 0.95

Water Solubility: insoluble

Other Solubilities: not available

Partition coefficient: n-octanol/water; not available

Auto-ignition Temperature: will not ignite

Decomposition Temperature: not available

Viscosity: not applicable

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: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Combustion can yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.

Section 11- Toxicological Information

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

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

If melted at 150°F (65°C), can cause burns.

Delayed and immediate effects and also chronic effects from short and long-term exposure: None known.

Numerical measures of toxicity: Not available.

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

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: Recycle if possible or landfill. This substance is inert and does not require special disposal methods. Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101): This product is not classified as dangerous under the transport regulations for road, rail, sea, or air transport.

Road and Rail Transport:

UN Number: not classified as dangerous goods

UN proper shipping name: not classified as dangerous goods

Transport hazard classes: None

Packaging group: None

Environmental hazards: None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No hazardous goods.

Special precautions for user: None

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 (40 CFR 372.65): Not listed

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

OSHA Regulations:

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

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

HMIS: Health: 0 Flammability: 2 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

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):

02213	02214	02215	02216
02218	02219	02220	02223

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