

PRODUCT NAME: ROOFMATE BUTTER GRADE LIGHT GRAY

PRODUCT CODE: RM-BUHT-LG

~~~~ SECTION 1 ~~~~ MANUFACTURER IDENTIFICATION ~~~~

Manufacturer's Name : Quest Construction Products, LLC  
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          : North Charleston, SC 29405  
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~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~

| Reportable Components | CAS Number | MM | HG @ Temp | Weight % |
|-----------------------|------------|----|-----------|----------|
| Calcium Carbonate | 1317-65-3 | | N/A N/A | <34 |

OSHA PEL: 15mgm³, Total Dust, 5mg/m³, Respirable Dust
ACGIH TLV: 10mgm³, total dust containing no asbestos and <1% free Silica.
If silica levels above 1.0% are present, the TLV value is 0.1mg/m of Respirable silica for both OSHA PEL and ACGIH TLV.

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Petroleum derivatives MIXTURE <0.01 68F/20C 2
Contains: Solvent refined heavy paraffinic distillate; CAS# 64741-88-4,
OSHA&ACGIH TWA: 5mg/m³ (as oil mist), ACGIH STEL: 10mg/m³(as oil mist).
Solvent refined/dewaxed heavy paraffinic distillate; CAS# 64742-65-0,
OSHA&ACGIH TWA: 5mg/m³ (as oil mist), ACGIH STEL: 10mg/m³ (as oil mist).

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Titanium Dioxide 13463-67-7 N/A N/A 2
ACGIH TLV: 10mg/m³ Dust
OSHA PEL: 15mg/m³ Total Dust
OSHA PEL: 5mg/m³ Respirable Dust
WHMIS: D2A- toxic material causing other toxic effects.
No toxic chemical(s) subject to the reporting requirements
of section 313 of Title III and of 40 CFR 372 are present in the
product base.

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NOTE: If tinted may contain Carbon Black CAS#1333-86-4 AND/OR
Crystalline Silica CAS#14808-60-7. If tinted DARK GRAY or BLACK
consider these levels to be reportable

This MSDS may be used for other colors and container sizes
of this product.

~~~~ SECTION 3 ~~~~ HAZARDS IDENTIFICATION ~~~~

**Emergency Overview:**

**Potential Health Effects:**

In outside spray, mixing and rolling applications situate  
workers upwind of operation & provide airflow in a downwind direction  
so as to carry fumes and residual spray away from workers.  
Provide sufficient mechanical (general and/or local exhaust)  
ventilation to maintain exposure below TLV(s).

**Eyes:**

May cause slight/moderate irritation to the eye

**Skin:**

Substance may cause slight skin irritation

**Ingestion:**

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Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

**Inhalation:**

May cause irritation to respiratory tract.

~~~~ SECTION 4 ~~~~ FIRST AID MEASURES ~~~~

Eyes:

Immediately flush with copious amounts of water for at least 15 minutes. If redness, itching, or burning sensations persist consult a physician or ophthalmologist immediately.

Skin:

Wash with plenty of soap and water. Remove contaminated clothing and shoes, wash before reuse. Consult a physician immediately.

Ingestion:

Not considered a potential route of exposure. Never give anything by mouth to an unconscious person. Treat for shock. If unconscious and vomiting, turn the person on their side to avoid choking. Consult a Physician Immediately.

Inhalation:

Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

Note to Physician:

No specific antidote. Supportive care, treatment based on judgment of the physician in response to reactions of the patient.

~~~~ SECTION 5 ~~~~ FIRE FIGHTING MEASURES ~~~~

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**Flammable Properties**

Flash Point: N/A

Lower Flammable Limits: N/A

Upper Flammable Limit: N/A

Auto Ignition Temperature: Not available

**Extinguishing Media:**

Foam, CO2, dry chemical, water fog or spray, as appropriate for surrounding fire.

**Special Fire Fighting Procedures:**

Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency.

~~~~ SECTION 6 ~~~~ ACCIDENTAL RELEASE MEASURES ~~~~

Small Spill:

Contain spills immediately with inert materials (eg. sand, earth). If material is spilled in a confined area ventilate the area well. Keep spectators away. Floor may be slippery; use care to avoid falling. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Caution: keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Large Spill:

Use same procedure as small spill.

~~~~ SECTION 7 ~~~~ HANDLING AND STORAGE ~~~~

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**Handling & Storage:**

Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

**Other Precautions:**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

~~~~ SECTION 8 ~~~~ EXPOSURE CONTROLS/PERSONAL PROTECTION ~~~~

Engineering Controls:

Respiratory Protection:

Follow OSHA regulation 29 CFR 1910.134 for respirator use where over spray is present, or if concentration of product is not known or are above the exposure guidelines. When comfort levels may be exceeded, use an approved air-purifying respirator equipped with an ammonia/methylamine cartridge(s).

Skin Protection:

Chemical resistant gloves determined to be impervious under the conditions of use.

Eye Protection:

Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.

~~~~ SECTION 9 ~~~~ PHYSICAL AND CHEMICAL PROPERTIES ~~~~

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Boiling Range: N/A

Melting Point: N/A

Specific Gravity(H2O=1): .9693

Vapor Density(Air=1): Heavier than air

Vapor Pressure: Not determined.

Evaporation Rate(N-Butyl Acetate=1) : Slower than ether

Coating V.O.C.: 0.09 lb/gl                      Coating V.O.C.: 10 g/l

Material V.O.C.: 0.06 lb/gl                      Material V.O.C.: 7 g/l

Solubility in Water: Soluble

Appearance: HIGHLY THIXOTROPIC LIQUID. VARIOUS COLORS AND TEXTURES.

Odor: FAINT AMMONIACAL ODOR.

pH: >8.0

~~~~ SECTION 10 ~~~~ STABILITY & REACTIVITY DATA ~~~~

Stability:

Stable

Conditions To Avoid:

Extremely hot or cold temperatures

Incompatible Materials:

No hazardous reactions to other materials are expected to

occur under normal industrial conditions.

Hazardous Decomposition Products

Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

Hazardous Polymerization:

Will not occur

~~~~ SECTION 11 ~~~~ TOXICOLOGICAL INFORMATION ~~~~

\*Data is for individual components of preparation.

**Materials having a known chronic/acute effects on eyes:**

NO DATA

**Materials having a known dermal toxicity.**

Titanium Dioxide CAS#13463-67-7 Dermal LD50 (rabbit) >10 g/kg

**Materials having a known oral toxicity.**

TITANIUM DIOXIDE CAS#13463-67-7 Oral LD50 (rat) >25 g/kg

**Materials having a known Inhalation hazard:**

TITANIUM DIOXIDE CAS#13463-67-7 LC50 (rat)>6.82 mg/l(4 hr)

**Identified Acute/ Short-term Effects:**

Headache, nausea, abdominal pain and irritation of the nose, throat and lungs. Skin and eye irritation.

**Identified Carcinogens/Longterm Effects:**

NO DATA

**Identified Teratogens:**

No animal data available.

**Identified Reproductive toxins :**

No animal data available.

**Identified Mutagens:**

No animal data available.

~~~~ SECTION 12 ~~~~ ECOLOGICAL INFORMATION ~~~~

Ecotoxicological effects on plants and animals:

Titanium Dioxide CAS#13463-67-7 96 Hr LC50 (Fathead minnows)>1,000 mg/l

Chemical Fate :

This product is not expected to be biodegradable. Avoid spillage into the environment.

~~~~ SECTION 13 ~~~~ DISPOSAL CONSIDERATIONS ~~~~

**Instructions:**

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

~~~~ SECTION 14 ~~~~ TRANSPORT INFORMATION ~~~~

Shipping Information:

DOT INFORMATION: 49 CFR 172.101
DOT DESCRIPTION: NON HAZARDOUS

~~~~ SECTION 15 ~~~~ REGULATORY INFORMATION ~~~~

(Not meant to be all inclusive-selected regulations represented)

US Regulations:**Status Of Substances Lists:**

The Concentrations Shown In Section II Are Maximum Ceiling Levels (Weight %) to be used for calculations for regulations. A reportable quantity is a quantity of a hazardous substance that triggers reporting requirements under the Comprehensive Environmental Response Compensation And Liability Act (CERCLA). If a spill of a substance exceeds it's reportable quantity (RQ) in CFR 302.3, Table 40 302.4 Appendix A & 302.4 Appendix B, the release must be reported to The National Response Center At (800) 424-8802, The State Emergency Response Commission (SERC), And community emergency coordinators likely to be affected.

Components present that could require reporting under the statute are:

NONE KNOWN

Superfund Amendments And Reauthorization Act Of 1986 (SARA) Title III Requires emergency planning based on the Threshold Quantities (TPQ'S) and release reporting based on Reportable Quantities (RQ'S) In 40 CFR 355 Appendix A&B Extremely Hazardous Substances. The emergency planning and release requirements of 40 CFR 355 apply to any facility at which there is present any amount of any extremely hazardous substance (EHS) equal to or in excess of it's Threshold Planning Quantity (TPQ).

Components present that could require reporting under the statute are:

NONE KNOWN

EPCRA 40 CFR 372 (Section 313) Requires EPA and the States to annually collect data on releases of certain toxic materials from industrial facilities, and make the data available to the public in the Toxics Release Inventory (TRI). This information must be included in all MSDS'S that are copied and distributed or compiled for this material. Reporting Threshold: Standard: A facility must report if it manufactures (including imports) or processes 25,000 pounds or more or otherwise uses 10,000 pounds or more of a listed toxic chemical during the calendar year.

Components present that could require reporting under the statute are:**See Section II**

The components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) chemical substance inventory. Mixtures shall be assumed to present the same health hazards as do the components which comprise one percent (by weight or volume) or greater of the mixture, except that the mixture shall be assumed to present a carcinogenic hazard if it has a component in concentrations of 0.1 percent or greater. The remaining percentage of unspecified ingredients, if any, are not contained in above DeMinimis concentrations and/or are believed to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and may consist of pigments, fillers, defoamers, wetting agents, resins, dryers, anti-bacterial agents, water and/or solvents in varying concentrations.

International Regulations:**Canadian WHMIS:**

This product is not listed in any division, class, or subdivision.

Canadian Environmental Protection Act (CEPA):

All of the components of this product are exempt or listed on the DSL/NDSL. See Section II For Composition/Information on Ingredients.

EINECS:

All of the components of this product are listed in the EINECS inventory or are exempt from notification requirements.

State Regulations:

California:

California Proposition 65: The following Statement is made in order to comply with The California Safe Drinking Water and Toxic Enforcement Act of 1986

"WARNING:This product contains the chemical(s) appearing below known to the State of California to:

A: Cause Cancer

NONE KNOWN

*If tinted contains Carbon Black: CAS#1333-86-4 and may also contain trace amounts of Crystalline Silica: CAS#14808-60-7

B: Cause Birth Defects or other Reproductive Harm :

NONE KNOWN

In addition to the above named chemical(s)(if any), this product may contain trace amounts of chemicals, known to the State of California, to cause Cancer or Birth Defects and other Reproductive Harm

Delaware:

Listed on the Delaware Air Quality Management List:

ISOBUTANE(ENCAPSULATED IN POLYMER) CAS#75-28-5 DRQ 1000#

Florida:

NONE KNOWN

Idaho:

NONE KNOWN

Massachusetts:

CALCIUM CARBONATE, CAS#1317-65-3

SUBSTANCE CODES:4

Titanium Dioxide CAS#13463-67-7 SUBSTANCE CODES:4

ISOBUTANE CAS#75-28-5 SUBSTANCE CODES:6

Michigan:

NONE KNOWN

Minnesota:

THE FOLLOWING ARE LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST

| CHEMICAL NAME | CAS# | CODES | HAZARDS | CARCINOGEN? |
|-------------------|-----------|-------|---------|-------------|
| CALCIUM CARBONATE | 1317-65-3 | A | -- | NO |

Titanium Dioxide CAS#13463-67-7

Listed In The Minnesota Hazardous Substances List:

Codes: A

Hazards: --

Carcinogen? IARC GROUP 2B

New Jersey:

ISOBUTANE(ENCAPSULATED IN POLYMER) CAS#75-28-5
NEW JERSEY RTK HAZARDOUS SUBSTANCE
DOT# 1964 SUBSTANCE # 1040
TPQ<500lbs: --

New York:

NONE KNOWN

Pennsylvania:

CALCIUM CARBONATE CAS#1317-65-3 CODE:E
Titanium Dioxide CAS#13463-67-7 CODE:--
ISOBUTANOL PROPANE,2-METHYL CAS#75-28-5 CODE:--

Washington:

WASHINGTON AIR CONTAMINANT:

CALCIUM CARBONATE(RESPIRABLE) CAS#1317-65-3
WA ppm mg/Cubic Meter
TWA UNK 5
STEL UNK UNK
CEILING UNK UNK
SKIN:UNK

Titanium Dioxide(Total Dust) CAS#13463-67-7
Washington Air Contaminant: ppm mg/Cubic Meter
TWA UNK 10
STEL UNK UNK
CEILING UNK UNK
SKIN:UNK

Wisconsin:

West Virginia

NONE KNOWN

~~~~ SECTION 16 ~~~~ OTHER INFORMATION ~~~~

**HMIS® III**

**Health**                               : 2  
**Flammability**                        : 0  
**Physical Hazard**                    : 0

\*Following Health rating Indicates Chronic/Carcinogenic Effects

**HMIS® III Personal Protection : I**

This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

The information contained herein relates only to the specific material identified. Quest Construction Products, LLC believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. To assure proper use & disposal of these materials & the safety & health of employees & customers, Quest Construction Products, LLC urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.