

TECHNICAL DATA

| PRODUCT NAME | THUM-GUM |
|-----------------------------|--|
| DESCRIPTION | Thum-Gum is a non-curing, water-resistant compound formulated to prevent the entry of moisture, dust, and air into the joint, seam, or other opening that is being sealed. This material is applied by hand and is very pliable to allow for easy manipulation into tough openings. This durable material adheres to and seals most clean substrates such as wood, metal, plastic, and glass without cracking, drying, or shrinking. |
| COLOR | Gray |
| APPLICATION | Hand applied by removing release backing |
| PENETRATION | 110-140 300 Cone per ASTM D-217 |
| DENSITY | 1.9 |
| SOLIDS | 99% or greater |
| WATER ABSORPTION | Less than 1.0% per ASTM D570 |
| TEMPERATURE RANGE | No deterioration, sag, or slump from horizontal panel when exposed to temperatures between -40°F and 250°F. |
| TEMPERATURE CYCLE | Remains pliable through freeze/thaw cycles. |
| FLASH POINT (C.O.C.) | >400F |
| ADHESION | Excellent to clean dry surfaces such as wood, metal, plastic, and glass |
| SHELF LIFE | Minimum 1 Year |
| CURE | None |
| PACKAGING | Extruded in various sizes on release paper or film. One and Five pound logs most common |
| HEALTH AND SAFETY | Contains no ingredients promulgated by the OSHA standards, part 1910.93, C-P as listed in the Federal Registry |
| ASBESTOS | Compound is asbestos-free |

SAFETY DATA SHEET

Date Prepared : 05/20/2015

MSDS No : 1003

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Bramec Thum-Gum**PRODUCT CODE:** 1003, 1004, 1005, 16923**DISTRIBUTOR:**

Bramec Corp.

403 Highway 105

North Sioux City, SD 57049

Customer Service: 800-843-9974**E-Mail:** bramecsales@bramec.com**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (US Transportation) :** (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS LABEL

No labeling applicable

EMERGENCY OVERVIEW**PHYSICAL APPEARANCE:** Off-White putty**IMMEDIATE CONCERNS:** May cause skin or eye irritation after repeated or prolonged contact.**POTENTIAL HEALTH EFFECTS****EYES:** Contact may cause eye irritation.**SKIN:** Prolonged or repeated contact may cause skin irritation. Contact with heated product may result in burns.**SKIN ABSORPTION:** None Expected.**INGESTION:** Not a likely route of entry.**INHALATION:** Not a likely route of entry.**COMMENTS:** The Health hazards of this product should be low under normal industrial and commercial use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---------------------|--------|------------|
| Cellulose | ~ 1.42 | 9004-34-6 |
| Titanium Dioxide | ~ 0.89 | 13463-67-7 |
| Silica, Crystalline | < 3 | 14808-60-7 |

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.**INGESTION:** Normally not needed. If large quantities are ingested, seek medical advice.**INHALATION:** No specific treatment is necessary since this material is not in an inhalable form.

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SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause skin or eye irritation after repeated or prolonged contact.

SKIN: Substance may cause slight skin irritation.

SKIN ABSORPTION: None Expected.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide or foam. Treat as a petroleum fire.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, and hydrocarbons

EXPLOSION HAZARDS: None Expected.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: If heated to decomposition, may emit toxic and/or irritating fumes.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up clean material and place into storage container for future use. Dispose of waste material in accordance with all local, state/provincial, and national requirements.

LARGE SPILL: Use same methods described for small spills.

7. HANDLING AND STORAGE

HANDLING: Use of proper hygiene practices in the workplace is recommended.

STORAGE: Keep in a cool, well ventilated place

STORAGE TEMPERATURE: Store in a cool place below (120) F (49) C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | | | | |
|---|------|-----------------|-------------------|-----------|-------------------|--------------|-------------------|
| | | EXPOSURE LIMITS | | | | | |
| | | OSHA PEL | | ACGIH TLV | | Supplier OEL | |
| Chemical Name | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
| Cellulose | TWA | | 15T 5R | | 10 | | |
| Titanium Dioxide | TWA | | 15 T | | 10 | NL | NL |
| | STEL | | | | | NL | NL |
| Silica, Crystalline | TWA | 250mpp | 10 | | 0.025 | NL | NL |
| | STEL | | | | | NL | NL |

ENGINEERING CONTROLS: A system of local and/or general exhaust should be adequate under normal conditions.

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PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Where contact with this material is possible, eye protection is recommended. May cause skin or eye irritation after repeated or prolonged contact.

SKIN: Use of proper hygiene practices in the workplace is recommended.

RESPIRATORY: Material is not respirable under normal conditions.

WORK HYGIENIC PRACTICES: When handling this material use good hygienic practices, wash hands thoroughly after handling product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Soft solid

ODOR: Faint, characteristic odor.

COLOR: Off-white

FLASH POINT AND METHOD: > (450°F) COC

FLAMMABLE LIMITS: Not Established

AUTOIGNITION TEMPERATURE: Not Established

SPECIFIC GRAVITY: ~ 1.85

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS: In case of fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

INCOMPATIBLE MATERIALS: Incompatible with strong solvents.

11. TOXICOLOGICAL INFORMATION

ACUTE

NOTES: None Expected.

CHRONIC: No known chronic effects.

CARCINOGENICITY

| Chemical Name | NTP Status | IARC Status |
|---------------------|------------|-------------|
| Titanium Dioxide | | 2B |
| Silica, Crystalline | 1 | 1 |

12. ECOLOGICAL INFORMATION

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ENVIRONMENTAL DATA: No information available for this product.

GENERAL COMMENTS: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of this product in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated for transport.

PRIMARY HAZARD CLASS/DIVISION: Not regulated

PLACARDS: None

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name | CAS |
|---------------------|------------|
| Cellulose | 9004-34-6 |
| Titanium Dioxide | 13463-67-7 |
| Silica, Crystalline | 14808-60-7 |

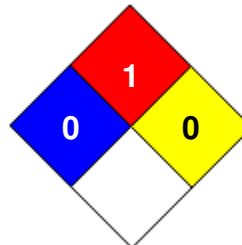
16. OTHER INFORMATION

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HMIS RATING

| | | |
|---------------------|--------------------------|---|
| HEALTH | <input type="checkbox"/> | 0 |
| FLAMMABILITY | <input type="checkbox"/> | 1 |
| PHYSICAL HAZARD | <input type="checkbox"/> | 0 |
| PERSONAL PROTECTION | <input type="checkbox"/> | B |

NFPA CODES



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