



SAFETY DATA SHEET

Product: MARC 177 B.G.M. BLACK GASKET MAKER

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 177 B.G.M. BLACK GASKET MAKER

SUPPLIER: Mid-American Research Chemical Corp. **ADDRESS:** P. O. Box 927 • Columbus, NE 68602-0927
PHONE: 402-564-7104 **FAX:** 402-563-1290
EMERGENCY PHONE: InfoTrac 1-800-535-5053
E-MAIL: marc1@marc1.com **WEBSITE:** www.marc1.com

RECOMMENDED USE: Gasket maker.

DATE: 01/09/2019

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Irritation - Category 2A; Gases Under Pressure Liquefied Gas; Skin Irritation - Category 2.

Signal Word: Warning. **Hazardous Statements - Physical:** H280 - Contains gas under pressure; may explode if heated. **Hazardous Statements - Health:** H319 - Causes serious eye irritation. H315 - Causes skin irritation.



Precautionary Statements - General: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children. **P103 -** Read label before use. **Precautionary Statements - Prevention:** P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves and eye protection. **Precautionary Statements - Response:** P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P332 + P313 - If skin irritation occurs: Get medical attention. P362 + P364 - Take off contaminated clothing and wash it before reuse. **Precautionary Statements - Storage:** P410 + P403 - Protect from sunlight. Store in a well-ventilated place. **Precautionary Statements - Disposal:** No precautionary statement available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% By Wt.</u>
Methyl Siloxane Linear/Cyclic	70131-67-8	52% - 82%
Silica, Amorphous	7631-86-9	5% - 12%
Mineral Seal Oil	64742-46-7	1% - 4%
Methyltriacetoxysilane	4253-34-3	1% - 4%
Ethyltriacetoxysilane	17689-77-9	1% - 4%
Difluoroethane	75-37-6	1% - 2%

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Inhalation: No ill effects expected. If exposed/feel unwell/concerned: Get medical attention. **Eye Contact:** Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention. **Skin Contact:** Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists. **Ingestion:** Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding fire. **Unsuitable Extinguishing Media:** None known. **Specific Hazards in Case of Fire:** Not classified as flammable but contains a flammable propellant. Contents under pressure. Burning may produce silicon oxides and carbon oxides. Exposure of containers to heat and flames can cause them to rupture often with violent force. **Fire-Fighting Procedures:** Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. **Special Protective Actions:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure: Ventilate the area. Wear appropriate protective clothing and equipment. **Recommended Equipment:** Wear appropriate protective equipment (see Section 8). Place leaking can in a pail in a well-ventilated area until pressure has dissipated. Collect residual liquid using inert absorbents and place into a suitable container for disposal. **Personal Precautions:** Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. **Environmental Precautions:** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.



SAFETY DATA SHEET

Product: MARC 177 B.G.M. BLACK GASKET MAKER

Form R04132

SECTION 7: HANDLING AND STORAGE

General: Avoid contact with eyes and skin. Avoid breathing vapors or gas. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Contents under pressure, do not puncture or incinerate containers. Do not puncture or incinerate (burn) cans. Do not spray in eyes. Do not take internally. **Ventilation Requirements:** Use in a well-ventilated place. **Storage Room Requirements:** Store in a cool, dry, well-ventilated area, away from strong oxidizers and other incompatible materials. Do not store in direct sunlight or above 120°F.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Safety glasses with side shields should be used if indicated. Eye wash and safety showers in the workplace are recommended. **Skin Protection:** Use solvent-resistant protective gloves for prolonged or repeated contact. **Respiratory Protection:** In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved airline respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits. **Appropriate Engineering Controls:** Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
DIFLUOROETHANE		2.5			1							
MINERAL SEAL OIL	500	2000			1							
SILICA, AMORPHOUS	20 (b)	80 mg/m3 percent SiO2+2			1,3				6			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
DIFLUOROETHANE		2.5		
MINERAL SEAL OIL				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Gel in can.
PHYSICAL STATE: Gel.
COLOR: Black.
ODOR: Acidic.
ODOR THRESHOLD: N.A.
pH: N.A.
MELTING/FREEZING POINT: N.A.
LOW BOILING POINT: N.A.
HIGH BOILING POINT: N.A.
FLASH POINT/METHOD USED: >100 °C(>212°F) Closed Cup (Liquid component).
EVAPORATION RATE: Slower than ether.
FLAMMABILITY (solid, gas): Flash point at or above 200°F/93°C.
FLAMMABILITY EXPLOSIVE (%): LOWER: N.A. UPPER: N.A.
VAPOR PRESSURE (mmHg): N.A.
VAPOR DENSITY (AIR = 1): Slower than ether.
DENSITY: 9.1 lb/gal.
DENSITY VOC: 0.25 lb/gal.
%VOC: 3.08%.
SPECIFIC GRAVITY (H2O = 1): N.A.
SOLUBILITY IN WATER: Nil.

SECTION 10: STABILITY AND REACTIVITY

Stability: The product is stable under normal storage conditions. **Conditions to Avoid:** Keep away from heat, sparks, extreme temperature, flame, other sources of ignition and incompatible materials. **Incompatible Materials:** Strong acids, strong bases, strong oxidizing agents. **Hazardous Reactions/Polymerization:** None known. **Hazardous Decomposition Products:** Burning may produce silicon oxides; carbon oxides.



SAFETY DATA SHEET

Product: MARC 177 B.G.M. BLACK GASKET MAKER

Form R04132

SECTION 11: TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation: Causes skin irritation. **Classification of the substance or mixture:** There is no toxicological data available for this product. **Serious Eye Damage/Irritation:** Causes serious eye irritation. **Carcinogenicity:** No data available. **Germ Cell Mutagenicity:** No data available. **Reproductive Toxicity:** No data available. **Respiratory/Skin Sensitization:** No data available. **Specific Target Organ Toxicity - Single Exposure:** No data available. **Specific Target Organ Toxicity - Repeated Exposure:** No data available. **Aspiration Hazard:** No data available. **Acute Toxicity:** No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available. **Classification of the substance or mixture:** There is no ecological data available for this product. **Persistence and Degradability:** No data available. **Bio-Accumulative Potential:** No data available. **Mobility in Soil:** No data available. **Other Adverse Effects:** No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

CONTAINER SIZES(S): Aerosol Can
PROPER SHIPPING NAME: GASKET MAKER
HAZARD CLASS: N/A
ID NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: LTD QTY

SECTION 15: REGULATORY INFORMATION

CAS	CHEMICAL NAME	% BY WEIGHT	REGULATION LIST
4253-34-3	METHYLTRIAACETOXSILANE	1% - 4%	SARA 312, VOC, TSCA
7631-86-9	SILICA, AMORPHOUS	5% - 12%	SARA 312, TSCA, OSHA
17689-77-9	ETHYLTRIAACETOXSILANE	1% - 4%	SARA 312, TSCA
64742-46-7	MINERAL SEAL OIL	1% - 4%	SARA 312, VOC, TSCA, OSHA
70131-67-8	METHYLSILOXANE LINEAR/CYCLIC	52% - 92%	SARA 312, VOC, TSCA
75-37-6	DIFLUOROETHANE	1% - 2%	SARA312, VOC_exempt, TSCA, ACGIH, OSHA

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1; Flammability = 1; Reactivity = 0; Other = None; Protection = A.

N/A = Not Applicable, **N/D** = Not Determined, **N/E** = Not Established.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.