



I – Identification of the Substance and of the Company

SUPPLIER: RMO, Inc.
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Denver, CO 80204
303-592-8200

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Trade Name and Synonyms:
MyTGuard® Mouth Guard

Description: Mouth Guard

Product Grade / Name:
Polyethylene

II – Composition / Information on Ingredients

Polyethylene: Varies with Formulation

Additives: Varies with Formulation

Blocking Agent(s): Varies with Formulation

III – Hazards Identification

CAUTION!

POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES, MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS.

Potential Health Hazards:

HMIS Hazard Ratings: Health – 1, Flammability – 1, Chemical Reactivity – 0

NFPA Hazard Ratings: Health – 1, Flammability – 1, Instability – 0

NOTE: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

Ingestion	Expected to be a low ingestion hazard.
Skin	Molten material will produce thermal burns.
Eyes	Molten material will produce thermal burns.
Inhalation	Low hazard for usual industrial handling or commercial handling by trained personnel.
Delayed Effects	Not Listed.

Exposure Guidelines:

<u>Ingredient name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Other Limit</u>
Polyethylene	Not established.	Not established.	None

IV – First Aid Measures

Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Skin Contact	If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.
Eye Contact	If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
Ingestion	Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary. Consult a physician if necessary.

Note to Physicians: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

V – Fire Fighting Measures

Flash Point: Not applicable, combustible liquid.

Unusual Fire and Explosion Hazards: Powdered material may form explosive dust-air mixtures.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

Extinguishing Media: Water spray, dry chemical.
Water spray, dry chemical.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

VI – Accidental Release Measures

Sweep or scoop up and remove.

VII – Handling and Storage

Personal Precautionary Measures: No special precautionary measures should be needed under anticipated conditions of use.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. Refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries".

Storage: Keep container closed.

VIII – Exposure Controls / Personal Protection

ACGIH Threshold Limit Value (TLV): Not established.

OSHA (USA) Permissible Exposure Limit (PEL, 1989 Table Z-1-A Values or Section-Specific Standards): Not established.

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

Eye / Face Protection:

It is a good industrial hygiene practice to minimize eye contact.

Skin Protection: It is a good industrial hygiene practice to minimize skin contact.

When material is heated, wear gloves to protect against thermal burns.

Respiratory Protection: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn.

Respirator Type: Organic vapor, dust. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.

Recommended Decontamination Facilities: Eye bath, washing facilities.

IX – Physical and Chemical Properties

Physical Form: Solid.

Color: Varies with formulation.

Odor: Odorless

Odor Threshold: Not Applicable

Specific Gravity at 25°C (77°F) (water=1): 1.35

Vapor Pressure: Negligible

Vapor Density (Air=1): Not Applicable

Evaporation Rate: Not Applicable

Boiling Point: Not Available

Melting Point: 180°C (250°F)

Viscosity at Ambient Temperature: Not Applicable

Solubility in Water at Ambient Temperature: Negligible.

pH: Not Applicable

Octanol/Water Partition Coefficient: Not Applicable

Flash Point: Not applicable, combustible liquid.

Lower Flammable Limit: Not Applicable

Upper Flammable Limit: Not Applicable

Autoignition Temperature: Not Available

Sensitivity to Mechanical Impact: Not Available

Sensitivity to Static Discharge: Not Available

X – Stability and Reactivity

Stability:

Unstable () Stable (X)

Incompatibility:

Material will not react with strong oxidizing agents.

Hazardous Polymerization:

May Occur () Will Not Occur (X)

XI – Toxicological Information

Effects of Exposure:

Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel.

Eyes: Molten material will produce thermal burns.

Skin: Molten material will produce thermal burns,

Ingestion: Expected to be a low ingestion hazard.

Acute Toxicity Data:

Oral LD-50: Not Available

Inhalation LC-50: Not Available

Dermal LD-50: Not Available

XII – Ecological Information

This material has not been tested for environmental effects.

XIII – Disposal Considerations

Discharge, treatment, or disposal may be subject to national, state, or local laws.

Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied.

XIV – Transportation Information

DOT (USA) Status: Not regulated.

D155TOG (Canada) Status: Not Regulated.

Air-International Civil Aviation Organization (ICAO) – ICAO Status: Not Regulated

ICAO Status: Not Regulated.

Sea-International Maritime Dangerous Goods (IMDG) – IMDG Status: Not Regulated

XV – Regulatory Information

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

OSHA Classification: Nonhazardous.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

Material(s) known to the State to cause cancer: None Known.

Material(s) known to the State to cause adverse reproductive effects: None Known.

This document has been prepared in accordance with the MSDS requirements of the WHMIS Controlled Products Regulation.

WHMIS (Canada) Status: Noncontrolled.

WHMIS (Canada) Hazard Classification: Not Applicable.

International Agency for Research on Cancer (IARC): Not Listed.

American Conference of Governmental Industrial Hygienists (ACGIH): Not Listed.

National Toxicology Program (NTP): Not Listed.

Occupational Safety and Health Administration (OSHA): Not Listed.

Chemical(s) Subject to the Reporting Requirements of Section 313 or title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None.

SARA (USA) Sections 311 and 312 Hazard Classification(s): Not Listed.

US Toxic Substances Control Act (TSCA): this product is listed on the TSCA inventory. Any impurities present in this produce are exempt from listing.

Canadian Environmental Protection Act (CEPA) and Domestic Substances List (DSL): this product is listed on the DSL or otherwise complies with CEPA new substances notification requirements.

European Inventory of Existing Commercial Chemical Substances (EINECS): All components of this produce are listed on EINECS. Any polymer intentionally present in this produce has regulatory clearance under Directives of the European Union.

XVI – Other Information

Label Statements:

CAUTION!

POWDERED MATERIAL MAY FORM WXPLOSIVE DUST – AIR MIXTURES
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS.

Minimize dust generation and accumulation.

FIRST AID: If burned by contact with molten material, cool as quickly as possible. Do not peel from skin. Get medical attention. If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

Note to Physicians: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

CAUTION: FOR MANUFACTURING, PROCESSING OR REPACKAGING BY TRAINED PERSONNEL.

The information contained herein as based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.