



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MYERSON (CUSTOM) EMA BITEPADS AND BUTTONS

PRODUCT CLASSIFICATION: co-polyester

PRODUCT USE: Components for oral mandibular advancement devices

MANUFACTURER: Myerson LLC

ADDRESS: 5106 North Ravenswood Avenue
Chicago Illinois 60640
USA

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SECTION 2: HAZARDS IDENTIFICATION

HMIS OVERVIEW:

HEALTH: 1
FLAMMABILITY: 1
PHYSICAL HAZARD: 1
Personal Protection: See MSDS Section 8

WARNING: MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS.

Relevant routes of exposure to molten material: Skin, Inhalation, Eyes, Ingestion



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS NUMBER	%
Polymer	proprietary	>90%
Modifiers/ Additives proprietary	proprietary	<10%

* All concentrations are per cent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bio accumulative and toxic substance.

VPvB: very persistent and very bio accumulative substance.

SECTION 4: 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. If molten material contacts the eye, immediately flush with plenty of water for at least 15 MINUTES. Get medical attention immediately

Ingestion: Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be 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.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing. Water may be unsuitable as an extinguishing media, but may be helpful in keeping adjacent containers cool.

Hazardous combustion products: carbon dioxide, carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Sweep or scoop up and remove.

SECTION 7: HANDLING AND STORAGE

Avoid contact with molten materials.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials.



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Minimize dust generation and accumulation. In the United States of America, refer to NFPA® Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

Storage: Keep container closed

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Country specific exposure limits have not been established or are not applicable unless listed below.

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 and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Eye Protection: Wear a face shield when working with molten material.

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

Recommended Decontamination Facilities: eye bath, washing facilities

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid moulded plastic parts
Color:	Translucent
Odor:	none
pH:	Not applicable
Specific gravity:	>1
Softening point:	>100°C
Vapor density:	Not available
Solubility in water:	Not applicable
Flash point:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable; however, material can decompose at elevated temperatures.

Hazardous polymerization: Will not occur.

Incompatible materials: Strong oxidizing agents.



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SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous components: The additives are embedded in a tough plastic matrix which minimizes the likelihood of exposure to the additives.

SECTION 12: ECOLOGICAL INFORMATION

This material has not been tested for environmental effects

SECTION 13: DISPOSAL CONSIDERATIONS

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations. Incinerate

SECTION 14: TRANSPORT INFORMATION

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status: Not regulated

SARA 313: none

Carcinogenicity Classification (components present at 0.1% or more); none

SECTION 16: OTHER INFORMATION

This data sheet contains technical-scientific information, which does not involve any obligation, guarantee and patent concession. All information contained in this document is correct to the best of our knowledge and processed in good faith.

We recommend verification of national and regional regulations applicable to the specific utilized field, as well as regulations regarding relative hygienic and safety practices to be employed in the use of this product.
