

**Material Safety Data Sheet
(MSDS)**

Powrgard Mouthguards

(Finished Product)

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- **Product (material) name:** Ethylene-Vinyl Acetate Copolymer
- **Other Names:** EVA
- **Recommended Use:** Recommended for the manufacturer of mouthguards
- **Supplier Name:** Myofunctional Research Co. Pty Ltd
- **Address:** Unit 3/44 Siganto Drive, Helensvale, QLD, 4212
- **Phone:** (07) 55729 9511
- **Emergency phone/fax number:** (07) 5529 9511 (07) 5529 9522

SECTION 2 HAZARDS IDENTIFICATION

Major Hazard Effect

- **Hazard Warnings for Health:** None known at a reportable level
- **Hazard Warnings for Environment:** None known at a reportable level
- **Physical and Chemical Dangerous:** None known at a reportable level
- **Special Harm:** None known at a reportable level
- **Major Harm:** None known at a reportable level
- **Hazard Category:** Not applicable

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance

- **Chemical Identity of the Pure Substance:** Ethylene-Vinyl Acetate Copolymer
- **Common Name, Synonym:** EVA
- **CAS Number:** 24937-78-8

Mixture

Chemical Character:

Components Name	Concentration / Percentage
EVA	≥ 99.8%
Additives	≤ 0.2%

SECTION 4 FIRST AID MEASURES

Emergency an First Aid Procedures

- No Procedures Required

SECTION 5 FIRE FIGHTING MEASURES

- **Suitable Extinguishing Media:** Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturer's recommended technique.
- **Special Extinguishing Procedure and Protection Equipment:** Use NIOSH-approved self-containing breathing apparatus when fighting fire in enclosed areas.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- **Release Response:** No specific procedure required.

SECTION 7 HANDLING AND STORAGE

- **Handling:** No specific procedure required
- **Storage:** Store in a cool location (15-26°C) away from sunlight and any source of heat.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering Control:** Not required

Personal Protection Equipment

- **Respiratory Protection:** Not required
- **Eye Protection:** Not required
- **Skin & Body Protection:** Not Required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Solid
- **Form:** Moulded to the shape of a mouthguard
- **Colour:** Colour varies depending on model
- **Odour:** Negligible
- **pH value:** Not applicable
- **Boiling Point/Boiling Range:** Not applicable
- **Decomposition Temperature:** Not applicable
- **Flash Point:** Not applicable
- **Spontaneous Temperature:** Not applicable
- **Exposure Limits:** Not applicable
- **Vapour Pressure:** Not applicable
- **Vapour Density:** Not applicable
- **Density (g/cm³):** 0.9-0.965
- **Solubility In Water:** Insoluble

SECTION 10 STABILITY AND REACTIVITY

- **Stability:** Stable
- **Special Conditions Of Hazardous Reaction:** Will not occur
- **Conditions to Avoid:** Temperature over 200°

SECTION 11 TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** The ingredients of this product do not have acute toxicity.
- **Local Effects:** No adverse effects are expected.
- **Sensitive:** Not expected to occur
- **Chronic:** Not expected to occur
- **Exceptional Effect:** No adverse effects are expected

SECTION 12 ECOLOGICAL INFORMATION

- **Possibility of Environmental Impact/Move:** Expected to be minimal based on the low water solubility of polymers

SECTION 13 DISPOSAL CONSIDERATIONS

- **Disposal Information:** Dispose of waste in accordance with applicable regulations.

SECTION 14 TRANSPORT INFORMATION

- **International Transport Regulation:** No regulated
- **The United Nations Number (Un-No):** No regulated
- **Internal Transport Regulation:** No regulated
- **Special Transport Way and Note:** No regulated

SECTION 15 REGULATORY INFORMATION

- **WHMIS:** Not Controlled
- **Ozone Depleting Substances:** None, complies with Clean Air Act Amendment of 1900

SECTION 16 OTHER INFORMATION

- **Date of Preparation:** 23rd January, 2008