


## 1. Identification

|   |   |  |
|---|---|--|
| <b>Product identifier</b>                                     | <b>CONTENDER FINISH PART A</b>  |  |
| <b>Other means of identification</b>                          |   |  |
| <b>SDS number</b>   | 574-181A  |  |
| <b>Product code</b>   | HIL00279 Part A   |  |
| <b>Recommended use</b>  | Gym Finish  |  |
| <b>Recommended restrictions</b>                               | For Labeled Use Only  |  |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |  |
| <b>Manufacturer</b>   |   |  |
| <b>Company name</b>   | HILLYARD INDUSTRIES   |  |
| <b>Address</b>  | 302 North Fourth St.<br>St. Joseph, MO 64501  |  |
| <br>  |   |  |
| <b>Contact person</b>   | Regulatory Affairs  |  |
| <b>Telephone number</b>                                       | (816) 233-1321 (Ext. 8285)  |  |
| <b>Fax</b>  | (816) 383-8485  |  |
| <b>E-mail</b>   | regulatoryaffairs@hillyard.com  |  |
| <b>Emergency telephone #</b>                                  | (800) 424-9300  |  |
|   | (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals) |  |

## 2. Hazard(s) identification

|  |   |             |
|--|---|-------------|
| <b>Physical hazards</b>                          | Not classified.   |             |
| <b>Health hazards</b>                            | Serious eye damage/eye irritation   | Category 2A |
| <b>Environmental hazards</b>                     | Not classified.   |             |
| <b>OSHA defined hazards</b>                      | Not classified.   |             |
| <b>Label elements</b>                            |   |             |
|  |    |             |
| <b>Signal word</b>                               | Warning   |             |
| <b>Hazard statement</b>                          | Causes serious eye irritation.  |             |
| <b>Precautionary statement</b>                   |   |             |
| <b>Prevention</b>                                | Wash thoroughly after handling. Wear eye protection/face protection.  |             |
| <b>Response</b>                                  | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  |             |
| <b>Storage</b>                                   | Store away from incompatible materials.   |             |
| <b>Disposal</b>                                  | Buyer assumes all risk and liability associated with disposal of this product (original concentration or dilution) in violation of applicable law in compliance with applicable federal, state and local requirements. CONTAINER DISPOSAL: Triple rinse (or equivalent), then offer clean, dry container for recycling or reconditioning. |             |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.   |             |
| <b>Supplemental information</b>                  | Use With Adequate Ventilation. Avoid breathing vapors or spray mist. Open windows and doors, use exhaust fans or other means to insure fresh air entry during application and drying. Do not take internally.   |             |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                            | Common name and synonyms | CAS number | %         |
|--|--------------------------|------------|-----------|
| Propylene Glycol Methyl Ether            |                          | 107-98-2   | 10 - < 20 |
| Other components below reportable levels |                          |            | 80 - < 90 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.  |
| <b>Skin contact</b>   | Wash off with soap and water. Get medical attention if irritation develops and persists.   |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.   |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.   |

### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |

### 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| <b>Methods and materials for containment and cleaning up</b>               | <p>This product is miscible in water.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.  |

### 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).   |

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. ACGIH Threshold Limit Values

| Components                                   | Type | Value   |
|--|------|---------|
| Propylene Glycol Methyl Ether (CAS 107-98-2) | STEL | 100 ppm |
|  | TWA  | 50 ppm  |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                                   | Type | Value     |
|--|------|-----------|
| Propylene Glycol Methyl Ether (CAS 107-98-2) | STEL | 540 mg/m3 |
|  |      | 150 ppm   |
|  | TWA  | 360 mg/m3 |
|  |      | 100 ppm   |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

#### US - California OELs: Skin designation

Propylene Glycol Methyl Ether (CAS 107-98-2) Can be absorbed through the skin.

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical splash goggles where there is a potential for eye contact.

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Avoid contact with the skin. If unable to avoid prolonged or repeated contact with skin, wear impervious clothing.

**Respiratory protection** Not normally needed. 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.

**Thermal hazards** None known.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

**Appearance** Light straw liquid

**Physical state** Liquid.

**Form** Liquid.

**Color** Light straw

**Odor** Slight ether odor

**Odor threshold** Not available

**pH** 3 - 5

**Melting point/freezing point** Not available

**Initial boiling point and boiling range** 195 °F (90.56 °C)

**Flash point** Tag Closed Cup None

**Evaporation rate** < 1 Ethyl ether = 1

**Flammability (solid, gas)** Not applicable.

### Upper/lower flammability or explosive limits

**Explosive limit - lower (%)** Not available.

|  |   |
|--|---|
| <b>Explosive limit - upper (%)</b>             | Not available.                                |
| <b>Vapor pressure</b>                          | 17.4 mm Hg                                    |
| <b>Vapor density</b>                           | 0.9 AIR = 1                                   |
| <b>Relative density</b>                        | 1.0307 at 77°F                                |
| <b>Solubility(ies)</b>                         |   |
| <b>Solubility (water)</b>                      | appreciable                                   |
| <b>Partition coefficient (n-octanol/water)</b> | Not available                                 |
| <b>Auto-ignition temperature</b>               | Not available                                 |
| <b>Decomposition temperature</b>               | Not available                                 |
| <b>Viscosity</b>                               | Not available                                 |
| <b>Other information</b>                       |   |
| <b>Density</b>                                 | 8.59 lb/gal                                   |
| <b>Explosive properties</b>                    | Not explosive.                                |
| <b>Oxidizing properties</b>                    | Not oxidizing.                                |
| <b>Percent volatile</b>                        | 81 - 83 %                                     |
| <b>VOC</b>                                     | < 350 g/l When Part A and Part B are combined |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Contact with incompatible materials.  |
| <b>Incompatible materials</b>             | Strong acids.   |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.                 |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected. |
| <b>Eye contact</b>  | Causes serious eye irritation.                       |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.               |

|   |   |
|---|---|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
|---|---|

### Information on toxicological effects

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | Not known.   |
| <b>Skin corrosion/irritation</b>         | Prolonged skin contact may cause temporary irritation. |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation.                         |

### Respiratory or skin sensitization

|                                  |   |
|----------------------------------|---|
| <b>Respiratory sensitization</b> | Not a respiratory sensitizer.                             |
| <b>Skin sensitization</b>        | This product is not expected to cause skin sensitization. |

|                               |  |
|-------------------------------|--|
| <b>Germ cell mutagenicity</b> | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
|-------------------------------|--|

|                        |   |
|------------------------|---|
| <b>Carcinogenicity</b> | Not classifiable as to carcinogenicity to humans. |
|------------------------|---|

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

## US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

|   |  |
|---|--|
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects. |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified.  |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.  |
| <b>Aspiration hazard</b>                                  | Prolonged inhalation may be harmful.   |
| <b>Chronic effects</b>                                    | Prolonged inhalation may be harmful.   |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.   |
| <b>Bioaccumulative potential</b>     | No data available.   |
| <b>Mobility in soil</b>              | No data available.   |
| <b>Other adverse effects</b>         | The product contains volatile organic compounds which have a photochemical ozone creation potential.   |

## 13. Disposal considerations

|  |   |
|--|---|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Buyer assumes all risk and liability associated with disposal of this product (original concentration or dilution) in violation of applicable law. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.  |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.  |

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**  
Not regulated.

**Other federal regulations**

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Propylene Glycol Methyl Ether (CAS 107-98-2)

**International Inventories**

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada                      | Domestic Substances List (DSL)                | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)           | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

**Issue date** 02-02-2018

**Version #** 01

**HMIS® ratings** Health: 2  
Flammability: 0  
Physical hazard: 0

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**Revision information** This document has undergone significant changes and should be reviewed in its entirety.