

# SAFETY DATA SHEET

## ACT FIBERS

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

|                                   |                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------|
| <b>1.1 Product Name:</b>          | ACT Fibers                                                                       |
| <b>Product Form:</b>              | Fibers                                                                           |
| <b>1.2 Product Use:</b>           | Reinforcement for cement/gypsum based mixes                                      |
| <b>1.3 Supplier/Manufacturer:</b> | Umaco, Inc.<br>60 Rear Newhall Street<br>Lowell, MA 01852<br>Phone: 978-453-8881 |
| <b>1.4 Emergency Number:</b>      | CHEMTREC (800) 424-9300                                                          |

### Section 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product has been evaluated and does not require a hazard warning on the label under OSHA criteria. It is an article and, as such, is excluded per 29 CFR 1910.1200(b)(6)(v) of the OSHA Hazard Communication Standard.

**POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.

**SKIN CONTACT:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin.

**INHALATION:** No significant irritation expected other than possible mechanical irritation.

**INGESTION:** No significant health hazards identified.

**HMIS CODE:** (Health: 0) (Flammability: 1) (Reactivity: 0)

**NFPA CODE:** (Health: 0) (Flammability: 1) (Reactivity: 0)

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENT                             | CAS#        | RANGE % BY WEIGHT |
|---------------------------------------|-------------|-------------------|
| Polypropylene                         | 9003-07-0   | 98 - 99.9         |
| Lubricants: Fatty acids and/or esters | Blend       | 0.2 - 2           |
| Additives                             | Proprietary | 0 - 1             |

## Section 4: FIRST AID MEASURES

|                                                                                         |                                                                                                                                             |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>4.1 Description of First Aid Measures:</b>                                           |                                                                                                                                             |
| <b>Eye:</b>                                                                             | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.      |
| <b>Skin:</b>                                                                            | Wash exposed skin with soap and water. Get medical attention if irritation develops.                                                        |
| <b>Inhalation:</b>                                                                      | If adverse effects occur, remove to uncontaminated area. Get medical attention.                                                             |
| <b>Ingestion:</b>                                                                       | If a large amount is swallowed, get medical attention.                                                                                      |
| <b>4.2 Most Important Symptoms &amp; Effects both Acute &amp; Delayed:</b>              |                                                                                                                                             |
| <b>Eye:</b>                                                                             | May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| <b>Skin:</b>                                                                            | May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.                                        |
| <b>Inhalation:</b>                                                                      | May cause respiratory tract irritation.                                                                                                     |
| <b>Ingestion:</b>                                                                       | May be harmful if swallowed. May cause stomach distress, nausea or vomiting.                                                                |
| <b>4.3 Indication of Any Immediate Medical Attention and Special Treatments Needed:</b> |                                                                                                                                             |
| <b>Note to Physicians:</b>                                                              | Symptoms may not appear immediately.                                                                                                        |
| <b>Specific Treatments:</b>                                                             | In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).                          |

## Section 5: FIRE FIGHTING MEASURES

**FIRE AND EXPLOSION HAZARDS:** Slight fire hazard.

**EXTINGUISHING MEDIA:** Agents approved for Class A hazards (e.g., foam, steam) or water fog.

**FIRE FIGHTING:** Move material from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

**SENSITIVITY TO MECHANICAL IMPACT:** Not sensitive

**SENSITIVITY TO STATIC DISCHARGE:** Not sensitive

**FLASH POINT:** > 600°F (315°C)

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None identified.

**FIRE-FIGHTING EQUIPMENT:** Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

**HAZARDOUS COMBUSTION PRODUCTS:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

## Section 6: ACCIDENTAL RELEASE MEASURES

Contain and remove by mechanical means.

## Section 7: HANDLING AND STORAGE

**HANDLING:** No special requirements.

**STORAGE:** No special requirements

## Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EYE:** None required; however, use of eye protection is good industrial practice.

**SKIN:** None required; however, use of protective gloves/clothing is good industrial practice.

**INHALATION:** None required, however, use of adequate ventilation is good industrial practice.

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure guidelines.

| COMPONENT                             | CAS#        | EXPOSURE LIMITS                                                                                                                                                                        |
|---------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Polypropylene                         | 9003-07-0   | OSHA TOTAL DUST: 15 mg/m <sup>3</sup> (particulate NOC) OSHA RESPIRABLE DUST: 5 mg/m <sup>3</sup> (particulate NOC) ACGIH TLV-TWA: 10 mg/m <sup>3</sup> (total dust) (particulate NOC) |
| Lubricants: Fatty acids and/or esters | Blend       | No exposure limit established                                                                                                                                                          |
| Additives                             | Proprietary | No exposure limit established                                                                                                                                                          |

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Fibrous materials packaged in paper bags. Odorless.

**COLOR:** White, natural, light gray fibers

**pH:** Not applicable

**VAPOR PRESSURE:** Not applicable

**VAPOR DENSITY:** Not applicable

**BOILING POINT:** Not applicable

**MELTING POINT:** 320° F (160° C)

**SOLUBILITY IN WATER:** Negligible, below 0.1%

**SPECIFIC GRAVITY (WATER = 1):** 0.9

## **Section 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** None identified

**MATERIALS TO AVOID:** None identified

**HAZARDOUS DECOMPOSITION:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

**HAZARDOUS POLYMERIZATION:** Will not occur

## **Section 11: TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY DATA:**

**EYE IRRITATION:** Testing not conducted. See Other Toxicity Data

**SKIN IRRITATION:** Testing not conducted. See Other Toxicity Data

**DERMAL LD50:** Testing not conducted. See Other Toxicity Data

**ORAL LD50:** Testing not conducted. See Other Toxicity Data

**INHALATION LC50:** Testing not conducted. See Other Toxicity Data

**OTHER TOXICITY DATA:** Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

## **Section 12: ECOLOGICAL INFORMATION**

Ecological testing has not been conducted on this material

## **Section 13: DISPOSAL CONSIDERATION**

Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

## **Section 14: TRANSPORTATION INFORMATION**

**U.S. DEPT OF TRANSPORTATION**

Shipping Name: Not Regulated

**INTERNATIONAL INFORMATION:**

**Sea (IMO/IMDG)**

Shipping Name: Not Regulated

**Air (ICAO/IATA)**

Shipping Name: Not Regulated

**European Road/Rail (ADR/RID)**

Shipping Name: Not Regulated

**Canadian Transportation of Dangerous Goods**

Shipping Name: Not Regulated

**Section 15: REGULATORY INFORMATION**

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4):** This product is not reportable under 40 CFR Part 302.4

**SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355):** This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

**SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370):** This product is not regulated under SARA Title III Section 311/312.

**SARA TITLE III SECTION 313 (40 CFR Part 372):** This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

**CANADIAN REGULATIONS:**

**CONTROLLED PRODUCTS REGULATIONS (CPR):** This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR), and the MSDS contains all the information required by CPR.

**WHMIS CLASSIFICATION:** Not a Controlled Product under Canada's Workplace Hazardous Materials Information System.

**NATIONAL INVENTORY STATUS:**

**U.S. INVENTORY (TSCA):** Listed on inventory.

**EC INVENTORY (EINECS/ELINCS):** Not determined

**JAPAN INVENTORY (MITI):** Not determined

**AUSTRALIA INVENTORY (AICS):** In compliance

**KORE M,0A INVENTORY (ECL):** Not determined

**CANADA INVENTORY (DSL):** In compliance

## Section 16: OTHER INFORMATION

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| <b>Date of Preparation:</b> | July 1, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Prepared By:</b>         | Umaco, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Prepared For:</b>        | Umaco, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |