



## SAFETY DATA SHEET (SDS)

### 1. IDENTIFICATION

PRODUCT IDENTIFIER:	Adco-Build Powder
PRODUCT ID:	2002
REVISION DATE:	04/20/2016
RECOMMENDED USE:	Industrial use only
RESTRICTIONS ON USE:	Use only as directed on label
MANUFACTURER/SUPPLIER:	ADCO Hearing Products 4242 S. Broadway Englewood, CO 80113 Toll Free: 800-726-0851 Local: 303-794-3928 Fax: 303-794-3704 Email: sales@adcohearing.com
EMERGENCY TELEPHONE NUMBER:	ADCO Hearing Products 303-794-3928 Toll Free: 800-726-0851  Poison Control Center 800-222-1222

## 2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

<b>Hazard Classification:</b>	<b>Category</b>
Serious Eye Damage/Irritation	2B

OSHA Defined Hazards:  
Combustible dust concentration may form in the air  
Explosion hazard

LABEL ELEMENTS: Pictograms, Signal Word, Hazard Statements, Precautionary Statements, & Supplemental Information

HAZARD STATEMENTS:

- Causes serious eye irritation: H320

SIGNAL WORD: **WARNING**

PRECAUTIONARY STATEMENTS:

- P264: Wash hands and exposed skin thoroughly after handling
- P305, P351, P338: If in eyes, rinse continuously with water for several minutes. Remove contact lenses if present- continue rinsing
- P337 & P313: Seek medical attention/ advice

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME: 2-Propenoic acid, 2-methyl-, ethyl ester, homopolymer

CAS NO: 9003-42-3  
WEIGHT %: 90-100%  
GHS RATINGS: Eye Damage/Irritation 2B (H320)

#### **4. FIRST AID MEASURES**

GENERAL ADVICE: Provide the SDS to medical personnel for treatment

INHALATION: Remove victim to fresh air. Seek immediate medical attention

EYE CONTACT: If product gets in the eyes, flush with lukewarm water for at least 15 minutes. Contact a physician

SKIN CONTACT: Rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately

CLOTHING: Remove contaminated clothing, wash thoroughly before reuse

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

#### **5. FIRE-FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA: Water, Chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide

UNSUITABLE EXTINGUISHING MEDIA: Water may not be effective in extinguishing this fire

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Polymers are combustible dusts, and care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures

**SPECIAL FIRE-FIGHTING PROCEDURES:** Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Polymers are sensitive to static discharge, follow grounding and bounding procedures. Polymers are not sensitive to mechanical impacts

## **6. ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**PERSONAL PRECAUTIONS:** Before cleaning any spill or leak, individuals must wear appropriate Personal Protective Equipment that is specified in section 8. Keep airborne particulates at a minimum when cleaning up spills. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

**ENVIRONMENTAL PRECAUTIONS:** Extinguish all ignition sources. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

### **METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

**METHODS FOR CONTAINMENT:** Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material (e.g. sand or earth). May contaminate water supply.

**METHODS FOR CLEANING UP:** Maximize ventilation (open doors and windows) and secure all sources of ignition. Use good, local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of product release. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Not a RCRA Hazardous waste.

## **7. HANDLING AND STORAGE**

### **PRECAUTIONS FOR SAFE HANDLING**

ADVICE ON SAFE HANDLING: Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping. Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

### **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

STORAGE CONDITIONS: Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. The temperature should remain at or under 72°F (22°C) at all times. Storing above recommended temperature will cause product performance issues. Store in accordance with National Fire Protection Association recommendations. Observe all label precautions until the container is cleaned, reconditioned, or destroyed.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong oxidizing agents

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

CHEMICAL NAME/CAS NO: 2-Propenoic acid, 2-methyl-ethyl ester, homopolymer 9003-42-3

ENGINEERING CONTROLS: Use local explosion-proof ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

### **PERSONNEL PROTECTIVE EQUIPMENT (PPE)**

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant use of a respirator. If dust conditions are present, a N95 respirator dust mask is required. None required if airborne concentrations are maintained below any exposure limit

that may be listed above. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

**EYE/FACE PROTECTION:** Wear safety glasses, chemical goggles when splashing is possible, when dealing with this material. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

**SKIN AND BODY PROTECTION:** Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact:

Material: Nitrile rubber

Minimum layer thickness: 0.4 mm

Break through time: 480 min

Splash contact:

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 120 min

**GENERAL HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Powder

**COLOR:** Pink

**ODOR:** Faint

**BOILING POINT (low-high):** N/A

**FLASH POINT:** 579 F, 304 C

AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMIT (air volume%, lower/upper ): 0%

EVAPORATION RATE: No data available

SPECIFIC GRAVITY: 0.00

## **10. STABILITY AND REACTIVITY**

MATERIAL STABILITY: Stable

INCOMPATIBLE MATERIALS: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization does not occur

## **11. TOXICOLOGICAL INFORMATION**

Mixture Toxicity

Component Toxicity

### **ROUTES OF EXPOSURE**

Inhalation

Eye Contact

### **TARGET ORGANS**

No data available

## **EFFECTS OF OVEREXPOSURE**

### **PRODUCT COMPONENTS LISTED AS CARCINOGENIC**

CAS NO: None

CARCINOGEN RATING: No data available

## **12. ECOLOGICAL INFORMATION**

Component Ecotoxicity

## **13. DISPOSAL CONSIDERATIONS**

DISPOSAL OF WASTES: Dispose waste material in accordance with Federal, State, and Local regulations. It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all applicable federal, state and local regulations. Waste disposal options include landfilling solids at permitted sites. Incinerate in a chemical incinerator equipped with an afterburner and scrubber. Use registered transporters.

CONTAMINATED PACKAGING: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual flammable material, associated with empty containers. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations

## **14. TRANSPORT INFORMATION**

### **AGENCY NAME**

DOT: Not Regulated, Polymer, NOS

IATA: Not Regulated, Polymer, NOS



IMDG: Not Regulated, Polymer, NOS

## 15. REGULATORY INFORMATION

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

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: None

#### **SARA 313:**

None

#### **US State Right-to-Know Regulations**

None

<b>Regulation</b>	<b>All components listed</b>
EINECS	Yes
SARA Hazard categories	No
TSCA Inventory	Yes

## 16. OTHER INFORMATION

### Hazardous material information system (HMIS)

Health hazard: 1

Flammability: 1

Physical Hazard: 0

Personal protection: B

**Hazard rating and rating systems (HMIS® and NFPA): This information is intended solely for the use of individuals trained in the particular system.**

#### **LEGEND**

\*chronic health hazard

0=Insignificant

1=Slight

2=Moderate

3=High

#### **Additional information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

**Prepared by:** Adco Hearing Products