



MATERIAL SAFETY DATA SHEET

Armstrong World Industries, Inc.
Environment, Health and Safety
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Issued By : Corporate Environment
Health and Safety

Division: Building Products

Date: 4/11

N/A = Not applicable or Not Available

N/K = None Known or Not Known

Department of Transportation Information

Shipping name : Not Classified

Hazard Class : N/A

ID No : N/A

Emergency Only Contact: CHEM-TEL 800-255-3924

HMIS (0 = minimal hazard, 4 = severe hazard)

Health = 1

Flammability = 1

Reactivity = 0

I. Product Information

A. Product Name : Fiberglass Ceiling Panels - Optima PB - MSDS #3a

B. Chemical Name and Synonyms : N/A

C. Chemical or Product Family : Man-made Vitreous Fibers

II. Ingredient Information

A. Hazardous Components (Chemical Identity; Common Name)	C.A.S No.	%	OSHA PEL Respirable:	ACGIH TLV Respirable:
Fibrous Glass	65997-17-3	80 - 100	1 f/cc	1 f/cc
Binder	Proprietary	0 - 20	N/A	N/A

This product formulation does not contain asbestos.

III. Physical Data

- A. Appearance and Color : Fiberglass Panel
- B. Boiling Point (degrees F) : N/A
- C. Vapor pressure (mm Hg @ 20 degrees C) : N/A
- D. Vapor density (Air = 1) : N/A
- E. Solubility in Water : Insoluble in water
- F. Specific Gravity (H₂O = 1) : N/A
- G. Percent Volatile by weight (30 min. @ 275 degrees F) : N/A
- H. Evaporation Rate (Butyl Acetate = 1) : N/A
- I. pH : N/A

IV. Fire and Explosion Data

- A. Flash point : N/A
- B. Flammable Range : LEL = N/A ; UEL = N/A
- C. Extinguishing Media : Dry chemical, foam, carbon dioxide, water fog.
- D. Special Fire Fighting Procedures : Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.
- E. Unusual Fire and Explosion Hazards : None
Hazardous combustion byproducts: Carbon monoxide, carbon dioxide, other undertermined compounds could be released in
- F. small quantities.

V. Health Data

A. Primary Route (s) of Entry: Inhalation, skin contact, and eye contact

B. Target Organs: Lungs, skin and eyes

General: Exposure to dust may be irritating to eyes, nose and throat.

Effects of Overexposure :

Acute Health Effects: Products are a transient mechanical irritant to the skin, eyes and upper respiratory system.

Refer to special protection information for handling instructions.

Chronic Health Effects: *Fiber Glass Wool*: Fibrous glass has been classified as "not classifiable as to its carcinogenicity to human" (Group 3) by the International Agency for Research on Cancer (IARC). Fibrous glass is listed by NTP as 2, reasonably anticipated to be a carcinogen.

C. Carcinogenicity: NTP : Yes IARC Monographs : No OSHA Regulated : No

D. Medical Conditions Generally aggravated by Exposure: Any condition generally aggravated by respiratory and mechanical irritants in the air or on the skin. Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema, and asthma.

E. First Aid Procedures:

Skin: Wash with mild soap and cold water. Remove contaminated clothing. Refer to a physician if symptoms persist. Do not use compressed air to remove fibers from skin.

Eyes: Flush with flowing water for at least 15 minutes. Do not rub or scratch eyes. If symptoms persist, seek immediate medical attention.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

VI. Reactivity Data

A. Stability : Material is stable

B. Incompatibility: N/K

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, other undertermined compounds could be released in

C. small quantities.

D. Hazardous Polymerization: N/A

VII. Spill or Leak Procedures

Steps to be taken if material is released or spilled : Avoid contact with skin and eyes. Prevent further spillage or leakage. Material will settle out of air. Prevent from spreading by covering, diking or other means. Clean-up: Use an industrial vacuum with high

A. efficiency filter to clean up dust.

B. Recycling Information : Armstrong Ceilings can be recycled through the Armstrong Ceiling Recycling Program. For more information on the program, requirements and local resources, please visit www.armstrong.com/ceilings/recycling or call our Recycling Center at 877-276-7876, press 1 (Ceilings), then press 8.

If the Armstrong Ceiling Recycling Program cannot be used, please dispose in accordance with federal, state and local waste disposal regulations

VIII. Special Protection Information

During the installation, be certain that the work site is well ventilated, and avoid breathing dust. Provide local exhaust or general ventilation to maintain exposure below regulatory / recommended limits.

Wear long-sleeve, loose fitting clothes, gloves and eye protection.

Handle these materials carefully to minimize airborne dust.

If high dust levels are anticipated during installation, such as with the use of power tools, use the appropriate NIOSH approved dust respirator.

All power cutting tools must be equipped with dust collectors.

After using these materials, wash with cold water and mild soap. Do not scratch or rub skin if it becomes irritated.

Wash work clothes separately, and then rinse the washer.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.