

## MATERIAL SAFETY DATA SHEET

MSDS DATE: Feb-2011

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### NFPA HMIS

Fire – 1 Health - 0

Health – 0 Flammability - 1

Reactivity – 0 Reactivity - 0

Specific Hazard – None Personal Protection Index – E

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PVC Thermoplastic  
**SYNONYMS:** Polyvinyl Chloride, Expanded Foam PVC Sheet, Celuka PVC Sheet

#### PRODUCT CODES:

**MANUFACTURER:** ACP, LLC  
**DIVISION:** Commercial  
**ADDRESS:** 555 Bell Street, Neenah, WI 54956

**EMERGENCY PHONE:** 800-434-3750  
**CHEMTREC PHONE:**  
**OTHER CALLS:**  
**FAX PHONE:** 800-434-3751

**CHEMICAL NAME:** Polyvinyl Chloride  
**CHEMICAL FAMILY:** Polymer of Chlorinated Hydrocarbon

**CHEMICAL FORMULA:** Proprietary

**PRODUCT USE:** Ceiling Panels  
**PREPARED BY:** ACP, LLC

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** All ingredients are bound-up in the manufacturing process and are not expected to create any hazard in handling or use. Finished goods (e.g. rigid panels) are inert.

CAS NO. 9002-86-2

% WT

% VOL

SARA 313 REPORTABLE

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:		
OSHA PEL STEL :		
OSHA PEL CEILING:		5 mg/M3 (respirable dust)

ACGIH TLV-TWA:  
ACGIH TLV STEL:  
ACGIH TLV CEILING:

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### SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** During a fire emergency, avoid inhalation, eye and skin contact.

**ROUTES OF ENTRY:** Inhalation, Eye, Skin Contact

#### POTENTIAL HEALTH EFFECTS

**EYES:** Dust may cause eye irritation  
**SKIN:** May cause skin irritation  
**INGESTION:** unlikely

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**INHALATION:** May cause discomfort in nose and throat  
**ACUTE HEALTH HAZARDS:** Not applicable  
**CHRONIC HEALTH HAZARDS:** Not applicable  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence that this product aggravates an existing medical condition.

**Carcinogenicity:** NTP: No IARC: No OSHA: No

### SECTION 4: FIRST AID MEASURES

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**EYES:** Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes.  
If irritation develops, consult a physician.

**SKIN:** Wash affected skin areas with soap and water. If irritation develops, get medical attention immediately

**INGESTION:** unlikely

**INHALATION:** Remove subject to fresh air. If symptoms develop, seek immediate medical attention.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Treat symptomatically and supportively.

#### SECTION 4 NOTES:

Never give anything by mouth to an unconscious person.

### SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** Not applicable

(% BY VOLUME) Not applicable      **LOWER:** Not applicable

**FLASH POINT:** Not applicable

**EXTINGUISHING MEDIA:** Dry chemical, foam water, or carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:** In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water or carbon dioxide to extinguish fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This product is nonflammable and nonexplosive under normal conditions of use. It will not continue to burn after ignition without an external fire source. When forced to burn, the major gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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#### ACCIDENTAL RELEASE MEASURES:

Response to Spills: Not applicable

### SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Use with care. Wear gloves if necessary when cutting or fabricating sheet. Store in a cool dry, well-ventilated area away from sources of extreme heat or fire.

**OTHER PRECAUTIONS:** Use any methods that keep dust to a minimum. General storage procedures are acceptable

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Not applicable

**VENTILATION:** Not applicable

**RESPIRATORY PROTECTION:** Use NIOSH/MAHA approved dust respirators as needed.

**EYE PROTECTION:** Wear safety glasses during sheet cutting or fabricating process.

**SKIN PROTECTION:** Wear gloves and long sleeved clothing when cutting or fabricating sheets.

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**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not applicable

**WORK HYGIENIC PRACTICES:** Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling, especially before eating, drinking, smoking, chewing, or using restroom facility.

**EXPOSURE GUIDELINES:**

No. Components OSHA-PEL ACGIH-TLV.

1 PVC 5 mg/M3 (as respirable dust) 10 mg/M3 (as nuisance dust)

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Solid Sheet

**ODOR:** Insignificant

**PHYSICAL STATE:** Solid Sheet

**pH AS SUPPLIED:** Not applicable

**pH (Other):** Not applicable

**BOILING POINT:** Not applicable

**MELTING POINT:** Not established

**FREEZING POINT:** Not applicable

**VAPOR PRESSURE (mmHg):** Not applicable (air = 1)

**VAPOR DENSITY (AIR = 1):** Not applicable

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.4 - 2.0 (water = 1)

**EVAPORATION RATE:** None (Butyl Acetate = 1)

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**SOLUBILITY IN WATER:** None

**PERCENT SOLIDS BY WEIGHT:** 100

**PERCENT VOLATILE:** Not applicable

**VOLATILE ORGANIC COMPOUNDS (VOC):** (ASTM D2369-2010e1

Method E) and Volatile Organic Composition (EPA Method TO-17) of the acoustic ceiling tiles. The results of the EPA Method TO-17. Chamber size 50L. No compounds were found after a 2 day equilibration period in the chamber.

### SECTION 9 NOTES:

### SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable under normal storage conditions

**CONDITIONS TO AVOID (STABILITY):** None known.

**INCOMPATIBILITY (MATERIAL TO AVOID):** None known.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Hydrogen chloride, benzene, carbon monoxide, carbon dioxide, aromatic and aliphatic hydrocarbons, and other gases could be released in fire.

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization not expected

**CONDITIONS TO AVOID (POLYMERIZATION):** None known

### SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** The information provided below can be subject to misinterpretation. Therefore, it is essential that the following information be interpreted by individuals trained in its evaluation.

**Chemical Toxicity Data**

PVC orl-rat TDLo: 210 g/kg/30W-C:ETA

### SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** No data is available on the adverse effects of this product on the environment. Neither COD nor BOD data are available.

### SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Disposal should conform to federal, state, and local regulations. If hazardous according to 40 CFR part 261.31 or 32, or possesses characteristics of 40 CFR 261 Subpart C, dispose in a facility meeting the requirements of 40 CFR 264 or 265. If non-hazardous, dispose in a facility meeting the requirements of 40 CFR 257. Before attempting cleanup, refer to hazard information and personal protection information in other sections of this MSDS. If waste is determined to be hazardous, use licensed hazardous waste transporter and disposal facility.

**RCRA HAZARD CLASS:**

**RCRA Status of Unused Material:** If discarded in unaltered form, should be tested in accordance to 40CFR 261 Subpart C and disposed as specified above.

### SECTION 14: TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** Not listed  
**HAZARD CLASS:** Not Regulated (also, Canada via rail and truck.)  
**ID NUMBER:** Not applicable  
**PACKING GROUP:** Not applicable  
**LABEL STATEMENT:** Not applicable

**WATER TRANSPORTATION**

**PROPER SHIPPING NAME:** Not listed  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** Not applicable  
**PACKING GROUP:** Not applicable  
**LABEL STATEMENTS:** Not applicable

**AIR TRANSPORTATION**

**PROPER SHIPPING NAME:** Not listed  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** Not applicable  
**PACKING GROUP:** Not applicable  
**LABEL STATEMENTS:** Not applicable

**OTHER AGENCIES:** Not applicable

### SECTION 15: REGULATORY INFORMATION

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**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** PVC is listed on TSCA Inventory (40 CFR710)

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not listed

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** PVC

Section 302\* - None Section 313\*\*- None Section 311/312\*\*\*- None

\*Reportable quantity of extremely hazardous substance, Sec. 302

\*Threshold planning quantity, extremely hazardous substance, Sec. 302

\*\*Toxic chemical. Sec. 313

\*\*Category as required by Sec 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.

\*\*\*Hazard category for SARA Sec.311/312 reporting H1=acute health hazard, H2=chronic health hazard, P3=fire hazard, P4=sudden release of pressure hazard, P5=reactive hazard

**311/312 HAZARD CATEGORIES:** Not applicable.

**313 REPORTABLE INGREDIENTS:** This product does not contain any substance subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372

**STATE REGULATIONS:**

**CA PROPOSITION 65:** This product does not contain any substance listed in the State of California Safe Drinking Water and Toxic Enforcement Act of 1986, as updated (February 23, 2001).

**PENN. RIGHT-TO-KNOW:** All required components are identified.

**N.J. RIGHT-TO-KNOW:** All required components are identified.



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**MASS. RIGHT-TO-KNOW:** All required components are identified.

**INTERNATIONAL REGULATIONS:**

United Kingdom Occupational Exposure Standards: TWAs total inhalable dust 10 mg/M3 TWA;

Respirable dust 5mg/M3; Germany MAK Value: fine dusts 5 mg/M3 MAK

### SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:**

**PREPARATION INFORMATION:** This MSDS document was prepared by ACP, LLC, using standard references and information provided and directed by ACP, LLC.

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