

**NFPA HMIS**

Fire – 1 Health - 0

Health – 0 Flammability - 1

Reactivity – 0 Reactivity - 0

Specific Hazard – None

Personal Protection Index – E

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Hot-formed PVC Thermoplastic  
**SYNONYMS:** Polyvinyl Chloride  
**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, Wall and Backsplash Panels  
**PREPARED BY:** ACP, LLC

**SECTION 1 NOTES:**

**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. extruded ceiling grid components) are inert.

CAS #	Component
Not Available	Metallic Foil
24981-14-4	Ethene, fluoro-, homopolymer
Not Available	Polyethylene Masking
9002-86-2	PVC (Chloroethylene, polymer)
68584-75-8	2-Propenoic acid, 2-methyl-, methyl ester, polymer with oxiranylmethyl-2-propenoate, ammonia-modified
1333-86-4	Carbon-black
1309-37-1	Iron Oxide
13463-67-7	Titanium Dioxide
104810-48-2	Poly(oxy-1,2-ethanediyl), α-[3-[-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl-ω-hydroxy-
104810-47-1	Poly(oxy-1,2-ethanediyl), α-3[3[-(2H- benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl-ω-3[3[-(2H- benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl

**SECTION 3: HAZARDS IDENTIFICATION**

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

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

**Emergency Overview**

No hazards expected under normal product use conditions.

**Potential Health Effects: Eyes**

Not expected under normal use conditions. Dusts generated from cutting may cause irritation.

**Potential Health Effects: Skin**

Not expected under normal use conditions. Dusts generated from cutting may cause irritation.

**Potential Health Effects: Ingestion**

Not a likely route of exposure under normal product use conditions.

**Potential Health Effects: Inhalation**

Not expected under normal use conditions. Dusts generated from cutting may cause irritation.

**HMIS Ratings: Health:1 Fire: 0 HMIS Reactivity:0**

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic Hazard

**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

**Containment Procedures:** No special containment necessary.

**Clean-Up Procedures:** Vacuum dust that may be generated and dispose of according to applicable federal, state and local regulations.

**Evacuation Procedures:** Isolate area. Keep unnecessary personnel away.

**Special Procedures:** None necessary

### SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Use with care. Wear gloves if necessary when cutting or fabricating. 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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#### A: Component Exposure Limits

**PVC (Chloroethylene, polymer) (9002-86-2)**

ACGIH: 1 mg/m<sup>3</sup> TWA (respirable fraction)

**Titanium dioxide (13463-67-7)**

ACGIH: 10 mg/m<sup>3</sup> TWA

OSHA: 10 mg/m<sup>3</sup> TWA (total dust)

**Iron Oxide (1309-37-1)**

ACGIH: 5 mg/m<sup>3</sup> TWA (respirable fraction)

OSHA: 10 mg/m<sup>3</sup> TWA (fume)

NIOSH: 5 mg/m<sup>3</sup> TWA (dust and fume, as Fe)

**Carbon black (1333-86-4)**

ACGIH: 3.5 mf/m<sup>3</sup> TWA

OSHA: 3.5 mg/m<sup>3</sup> TWA

NIOSH: 3.5 mg/m<sup>3</sup> TWA; 0.1 mg/m<sup>3</sup> TWA (as PAH, carbon black in presence of polycyclic Aromatic hydrocarbons)

**Engineering Controls:** Provide local exhaust ventilation that captures dust during sawing or sanding operations.

#### PERSONAL PROTECTIVE EQUIPMENT

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

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

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

**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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Multi-colored	Odor:	None
Physical State:	Solid	pH:	NA
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	ND	Melting Point:	ND
Solubility (H <sub>2</sub> O):	ND	Specific Gravity:	ND
Evaporation Rate:	ND	VOC:	ND
Octanol/H <sub>2</sub> O Coeff.:	ND	Flash Point:	ND
Flash Point Method:	ND	Upper Flammability	
Lower Flammability		Limit (UFL):	ND
Limit (LFL):	ND		
Auto Ignition:	ND	Burning Rate:	ND

**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.

**Acute Dose Effects**

**A: General Product Information**

No information available for the product

**B: Component Analysis-LDC50/LC50**

**Titanium dioxide (13463-67-7)**

Oral LD50 Rat: > 10000 mg/kg

**Iron Oxide (1309-31-1)**

Oral LD50 Rat: > 10000 mg/kg

**Carbon black (1333-86-4)**

Oral LD50 Rat: > 15400 mg/kg; Dermal LD50 Rabbit: > 3 g/kg

**Carcinogenicity**

**A: General Product Information**

No information available for the product.

**B: Component Carcinogenicity**

**PVC (Chloroethylene, polymer) (9002-86-2)**

ACGIH: A4- Not classifiable as a Human Carcinogen

IARC: Supplement 7 [1987], Monograph 19 [1979] (Group 3 (not classifiable))

**Titanium Dioxide (13463-67-7)**

ACGIH: A4- Not classifiable as a Human Carcinogen

NIOSH: potential occupational carcinogen

IARC: Monograph 93 [in preparation], Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))

**Iron Oxide (21309-37-1)**

ACGIH: A4- Not classifiable as a Human Carcinogen

IARC: Supplement 7 [1987], Monograph 19 [1972] (Group 3 (not classifiable))

**Carbon black (1333-86-4)**

ACGIH: A4- Not classifiable as a Human Carcinogen

NIOSH: potential occupational carcinogen

IARC: Monograph 93 [in preparation], Monograph 65 [1996] (Group 2B (possibly carcinogenic to humans))

### SECTION 12: ECOLOGICAL INFORMATION

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

**B: Component Analysis – Ecotoxicity – Aquatic Toxicity**

Carbon black (1333-86-4)

Test & Species

24 Hr EC50 Daphnia magna

>5600 mg/L

Conditions

### SECTION 13: DISPOSAL CONSIDERATIONS

**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

**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

**Component Analysis**

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4)

**Component Analysis**

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
PVC (Chloroethylene, polymer)	9002-86-2	no	no	no	yes	no	no
Titanium dioxide	13463-67-7	no	yes	yes	yes	yes	yes
Iron oxide	1309-37-1	yes	yes	yes	yes	yes	yes
Carbon black	1333-86-4	yes	yes	yes	yes	yes	yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical know to the state of California to cause cancer.

**Component Analysis-WHMIS IDL**

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Iron oxide	1309-37-1	1%
Carbon black	1333-86-4	1%

**Additional Regulatory Information**

**Component Analysis-Inventroy**

Component	CAS #	TSCA	CAN	EEC
Ethene, fluoro, homopolymer	24981-14-4	Yes	DSL	No
PVC (Chloroethylene, polymer)	9002-86-2	Yes	DSL	ELINCS
2-Propenoic acid, 2-methyl-, methyl ester, polymer with oxiranylmethyl 2-methyl-2-propenoate, modified	68584-75-8	Yes	DSL	No
Titanium dioxide	13463-67-7	Yes	DSL	ELINCS
Iron oxide	1309-37-1	Yes	DSL	ELINCS
Carbon black	1333-86-4	Yes	DSL	ELINCS
Poly(oxy-1,2-ethanediyl), α-[3-[3-(2H-benzotriazol-2-yl)-5-(1, 1-dimethylethyl)-4-hydroxyphenyl]-oxopropyl]-ω-[3-[3-(2H-benzotriazol-2-yl)-5-(1, 1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]	104810-47-1	Yes	DSL	No
Poly(oxy-1,2-ethanediyl), α-[3-[3-(2H-benzotriazol-2-yl)-5-(1, 1-dimethylethyl)-4-hydroxyphenyl]-oxopropyl]-ω-hydroxy-	104810-48-2	Yes	DSL	No

**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.

**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**

**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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