

Acrovyn® Wall Panels

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03
Issue date 01/15/2016 | Reviewed on 01/15/2016

1. IDENTIFICATION

- Product identifier
- **Trade name:** Acrovyn® Wall Panel
- **Product number:** #CCN794695
- Relevant identified uses of the substance or mixture and uses advised against
- **Product description** Standard wall panel
- Details of the supplier of the safety data sheet
- **Manufacturer/Supplier:**
Construction Specialties, Inc.
347 S. Broad St.
Hughesville, PA 17737
800-233-8493 (for product information)
- **Emergency telephone number:** Chemtrec 800-424-9300

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of § 1910.1200(9) and GHS Rev 03.

Label elements:

GHS label elements Non-Regulated Material

Hazard pictograms Non-Regulated Material

Signal word Non-Regulated Material

Hazard statements Non-Regulated Material

Unknown acute toxicity:

14.7 percent of the mixture consists of component(s) of unknown toxicity.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 0
Fire = 0
Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 0
Fire = 0
Reactivity = 0

Hazard(s) not otherwise classified (HNOC): None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

- Chemical characterization: Mixtures
- Description: Mixture of substances listed below with non-hazardous additions.
- Dangerous Components:

CAS: 9004-34-6	Wood Fibers	70-90%
CAS: 65996-61-4	Pulp Cellulose ⚠ Skin Irrit. 2, H315; Eye Irrit. 28, H320; Combustible Dust	2-12%
CAS: 57-13-6 RTECS: YR 6250000	Urea	≤ 2.5%

4. FIRST-AID MEASURES

- Description of first aid measures:
- **General information:**
This product does not represent any health hazards.
No special measures required.
- **After inhalation:** Not a normal route of entry.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Not expected as a result of exposure to finished product.
- **After swallowing:** Not anticipated under normal use.
- **Information for doctor:**
 - Most important symptoms and effects, both acute and delayed: No further relevant information available.
 - Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

5. FIRE-FIGHTING MEASURES

- **Extinguishing media:**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** No special measures required.

SAFETY DATA SHEET

- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. HANDLING AND STORAGE

- **Handling**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Additional information about design of technical systems:** No further data; see section 7
- Control parameters:
- Components with occupational exposure limits:

9004-34-6 Wood Fibers

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction

REL Long-term value: 1 0* 5** mg/m³
*total dust **respirable fraction

TLV Long-term value: 10 mg/m³

65996-61-4 Pulp Cellulose

ACGIH/TLV Ceiling limit value: 5 mg/m³

OSHA/PEL Ceiling limit value: 15 mg/m³

57-13-6 Urea

WEEL Long-term value: 10 mg/m³

Additional information: The lists that were valid during the creation of this SDS were used as basis.

- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Not necessary under normal conditions.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.

- **Material of gloves:** Not required.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:** Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form: Solid
 - Color: Various
- **Odor:** Odorless
- **Odor threshold:** Not determined
- **pH-value:** Not applicable
- **Change in condition**
 - Melting point/Melting range: Not determined
 - Boiling point/Boiling range: Not determined
- **Flash point:** None
- **Flammability (solid, gaseous):** Not determined
- **Ignition temperature:** 340 °C (644 °F)
- **Decomposition temperature:** Not determined
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower: Not determined
 - Upper: Not determined
- **Vapor pressure:**
 - Density: Not applicable
 - Relative density: Not applicable
- **Solubility in/Miscibility with:**
 - Water: Insoluble
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
 - Dynamic: Not applicable
 - Kinematic: Not applicable
- **Solvent content:**
 - Organic solvents: 0.1 %
 - VOC content: LQ (calculated value is below its lower limit of quantitation)
 - Solids: 99.0%
- **Other information:** No further relevant information available.

10. STABILITY AND REACTIVITY

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

- **Information on toxicological effects:**
- **Acute toxicity:**
LD/LC50 values that are relevant for classification:

9004-34-6 Wood Fibers

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

65996-61-4 Pulp Cellulose

Inhalative	LC50/4 h	5800 mg/l (rat)
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57-13-6 Urea

Oral	LD50	8471 mg/kg (rat)
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4,4 '-methylenediphenyl di isocyanate

Oral	LD50	2200 mg/kg (mouse)
Dermal	LD50	>9400 mg/kg (rabbit)
Inhalative	LC50/4 h	1000 mg/l (Trout)

50-00-0 formaldehyde

Oral	LD50	>200 mg/kg (rat)
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- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
- When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories:**
IARC (International Agency for Research on Cancer):
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans
9 002-88-4 Polyethylene 3
4,4'-methylenediphenyl diisocyanate 3
- **NTP (National Toxicology Program):**
None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.

12. ECOLOGICAL INFORMATION

- **Toxicity:**
- **Aquatic toxicity:**
57-13-6 Urea
EC50 I >10000 mg/l (daphnia)
4,4'-methylenediphenyl diisocyanate
EC50 I >1000 mg/l (daphnia)
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment:**
PBT: Not applicable
vPvB: Not applicable
- **Other adverse effects:** No further relevant information available.

13. DISPOSAL CONSIDERATIONS

- **Waste treatment methods:**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packagings:**
Recommendation: Disposal must be made according to official regulations.



14. TRANSPORT INFORMATION

- **UN-Number:**
DOT, ADR, ADN, IMDG, IATA Non-Regulated Material
- **UN proper shipping name:**
DOT, ADR, ADN, IMDG, IATA Non-Regulated Material
- **Transport hazard class(es):**
DOT, ADR, ADN, IMDG, IATA
Class: Non-Regulated Material
- **Packing group:**
DOT, ADR, IMDG, IATA Non-Regulated Material
- **Environmental hazards:** Not Applicable
- **Special precautions for user:** Not Applicable
- **Transport in bulk according to Annex II of MARPOL73f18 and the IBC Code:** Not Applicable
- **UN "Model Regulation":** Non-Regulated Material

15. REGULATORY INFORMATION

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**
- **Section 355 (extremely hazardous substances):**
None of the ingredients are listed.
- **Section 313 (Specific toxic chemical listings):**
4,4'-methylenediphenyl diisocyanate
- **TSCA (Toxic Substances Control Act):**
9004-34-6 Wood Fibers
25640-14-6 Polyethylene terephthalate Glycol (PETG) Copolyester
65996-61-4 Pulp Cellulose
57-13-6 Urea
9002-88-4 Polyethylene
4,4'-methylenediphenyl diisocyanate
- **California Proposition 65:**
- **Chemicals known to cause cancer:**
None of the ingredients are listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients are listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients are listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients are listed.

SAFETY DATA SHEET

- Carcinogenic categories:
- EPA (Environmental Protection Agency):
57-13-6 Urea II
4,4'-methylenediphenyl diisocyanate D, CBD
- **TL V (Threshold Limit Value established by ACGIH):**
None of the ingredients are listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health):**
None of the ingredients are listed.
- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **National regulations:**
The product is subject to be classified according with the latest version of the regulations on hazardous substances.

- **State Right to Know:**

CAS: 9004-34-6	Wood Fibers	70-90%
CAS: 25640-14-6	Polyethylene terephthalate Glycol (PETG) Copolyester	15-35%
CAS: 65996-61-4	Pulp Cellulose ⚠ Skin Irrit. 2, H315; Eye Irrit. 28, H320; Combustible Dust	2-12%
CAS: 57-13-6 RTECS: YR 6250000	Urea	≤ 2.5%
CAS: 9002-88-4	Polyethylene	≤ 2.5%

None of the ingredients are listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of preparation | last revision:** 01/15/2016 | 2
- **Abbreviations and acronyms:**
ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
AON: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)



SAFETY DATA SHEET

NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LCS0: Lethal concentration, 50 percent
LOSO: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TL V: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

***Data compared to the previous version altered.**

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