



**SAFETY DATA SHEET**

**PRO-543 Universal Wallcovering Adhesive**

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

**1. Identification**

**Product identifier**

**Product name** PRO-543 Universal Wallcovering Adhesive

**Recommended use of the chemical and restrictions on use**

**Application** Adhesive - Construction, Wallcovering.

**Uses advised against** Use only for intended applications.

**Details of the supplier of the safety data sheet**

**Supplier** Roman Products, LLC  
824 State Street  
Calumet City, IL  
60409  
United States  
Tel: 708-891-0770  
Fax: 708-891-4746  
technicalhelp@romandec.com

**Emergency telephone number**

**Emergency telephone** Tel: 708-891-0770

**2. Hazard(s) identification**

**Classification of the substance or mixture**

**OSHA Regulatory Status** This Product is Not Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Label elements**

**Hazard statements** NC Not Classified

**Other hazards**

None known.

**3. Composition/information on ingredients**

**Mixtures**

## PRO-543 Universal Wallcovering Adhesive

<b>Proprietary</b>	<b>1 - &lt;2.5%</b>
CAS number: Proprietary	
Substance with National workplace exposure limits.	
<b>Classification</b>	
Not Classified	
<b>Proprietary</b>	<b>0.5 - &lt;1%</b>
CAS number: Proprietary	
<b>Classification</b>	
Combustible Dust - USH01	
Eye Irrit. 2A - H319	
<b>Sodium hydroxide</b>	<b>0.025 - &lt;0.25%</b>
CAS number: 1310-73-2	
<b>Classification</b>	
Met. Corr. 1 - H290	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
Aquatic Acute 3 - H402	

The full text for all hazard statements is displayed in Section 16.

**Ingredient notes**                      The exact identity is withheld as a trade secret in accordance with 29 CFR 1910.1200. The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR 1910.1200.

#### 4. First-aid measures

##### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin Contact</b>	It is important to remove the substance from the skin immediately. Remove contamination with soap and water or recognized skin cleansing agent. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Get medical attention if symptoms are severe or persist after washing. If adhesive bonding occurs, do not force skin apart.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues. If adhesive bonding occurs, do not force eyelids apart.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

##### Most important symptoms and effects, both acute and delayed

**General information**                      The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

## PRO-543 Universal Wallcovering Adhesive

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. May cause discomfort if swallowed.
<b>Skin contact</b>	May bond skin and eyes. Prolonged and frequent contact may cause redness and irritation. The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May bond skin and eyes. Prolonged or repeated exposure may cause the following adverse effects: Pain or irritation.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**                      Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**      Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**      Do not use water jet as an extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture

**Specific hazards**                              Containers can burst violently or explode when heated, due to excessive pressure build-up.

**Hazardous combustion products**      Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Oxides of carbon. Oxides of nitrogen.

#### Advice for firefighters

**Protective actions during firefighting**      Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters**      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapors. Do not touch or walk into spilled material.

#### Environmental precautions

**Environmental precautions**              Avoid discharge into drains or watercourses or onto the ground.

#### Methods and material for containment and cleaning up

## PRO-543 Universal Wallcovering Adhesive

<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### 7. Handling and storage

#### Precautions for safe handling

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. Do not handle until all safety precautions have been read and understood. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas. Use only when the room temperature is between: 60 - 80 °F. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle broken packages without protective equipment. Do not reuse empty containers.
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<b>Advice on general occupational hygiene</b>	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.
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#### Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store away from incompatible materials (see Section 10). Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store in tightly-closed, original container in a dry and cool place. Do not freeze. Keep containers upright. Protect containers from damage.
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#### Specific end uses(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.
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### 8. Exposure controls/Personal protection

#### Control parameters

#### Occupational exposure limits

##### **Proprietary**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

##### **Proprietary**

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m<sup>3</sup> total dust, (Particulates Not Otherwise Regulated)

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup> respirable fraction, (Particulates Not Otherwise Regulated)

#### **Sodium hydroxide**

Ceiling exposure limit: ACGIH 2 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): OSHA 2 mg/m<sup>3</sup>

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

<b>Ingredient comments</b>	The product contains no other substances classified as hazardous to health by an OEL value in concentrations which should be taken into account.
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## PRO-543 Universal Wallcovering Adhesive

### Sodium hydroxide (CAS: 1310-73-2)

**Immediate danger to life and health** 10 mg/m<sup>3</sup>

#### Exposure controls

<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent skin contamination.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Avoid release to the environment.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Color</b>	White.
<b>Odor</b>	Mild.
<b>Odor threshold</b>	No data available.
<b>pH</b>	8.5
<b>Melting point</b>	0°C/32°F
<b>Initial boiling point and range</b>	100°C/212°F
<b>Flash point</b>	No data available.
<b>Evaporation rate</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Upper/lower flammability or explosive limits</b>	No data available.
<b>Vapor pressure</b>	No data available.

## PRO-543 Universal Wallcovering Adhesive

<b>Vapor density</b>	No data available.
<b>Relative density</b>	1.0
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	No data available.
<b>Auto-ignition temperature</b>	No data available.
<b>Decomposition Temperature</b>	No data available.
<b>Viscosity</b>	14000 cP
<b>Explosive properties</b>	No data available.
<b>Oxidizing properties</b>	No data available.
<b>Volatile organic compound</b>	2.55%

### 10. Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	Avoid freezing. Avoid exposure to high temperatures or direct sunlight.
<b>Materials to avoid</b>	Do not mix with other chemicals. Avoid contact with acids and alkalis.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Oxides of carbon. Oxides of nitrogen.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

##### Skin sensitization

## PRO-543 Universal Wallcovering Adhesive

<b>Summary</b>	The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Skin sensitization</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>IARC carcinogenicity</b>	Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to humans.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. May cause discomfort if swallowed.
<b>Skin Contact</b>	May bond skin and eyes. Prolonged and frequent contact may cause redness and irritation. The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May bond skin and eyes. Prolonged or repeated exposure may cause the following adverse effects: Pain or irritation.
<b>Route of exposure</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target Organs</b>	No specific target organs known.
<b>Medical considerations</b>	Skin disorders and allergies.

### 12. Ecological information

<b>Ecotoxicity</b>	Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	The degradability of the product is not known.
<b><u>Bioaccumulative potential</u></b>	
<b>Bio-Accumulative Potential</b>	No data available on bioaccumulation.

## PRO-543 Universal Wallcovering Adhesive

**Partition coefficient** No data available.

### Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

#### **General information**

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

#### **Disposal methods**

Do not empty into drains. Dispose of contents/container in accordance with national regulations.

## 14. Transport information

#### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

### UN Number

**UN No. (International)** Not applicable.

**UN No. (DOT)** Not applicable.

### UN proper shipping name

**Proper shipping name (International)** Not applicable.

**Proper shipping name (DOT)** Not applicable.

### Transport hazard class(es)

**Transport Labels (International)** No transport warning sign required.

### **DOT transport labels**

No transport warning sign required.

### Packing group

**Packing group (International)** Not applicable.

**DOT packing group** Not applicable.

### Environmental hazards

#### **Environmentally Hazardous Substance**

No.

### Special precautions for user

Not applicable.

**DOT reportable quantity** Not applicable.



## PRO-543 Universal Wallcovering Adhesive

**DOT TIH Zone** Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**Regulatory References** OSHA Hazard Communication Standard 29 CFR §1910.1200

#### US Federal Regulations

##### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

The following ingredients are listed:

*Hydrochloric acid*

EPCRA RQ: 5000 lbs

EPCRA 302 TPQ 500 lbs Tier II TPQ 500 lbs

##### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

The following ingredients are listed:

*Ethyl acrylate*

Final CERCLA RQ: 1000(454) pounds (Kilograms)

*2,2'-Iminodiethanol*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

*Sodium hydroxide*

Final CERCLA RQ: 1000(454) pounds (Kilograms)

*Hydrochloric acid*

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

##### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed.

##### **SARA 313 Emission Reporting**

The following ingredients are listed:

*3-Iodo-2-propynyl butylcarbamate*

1.0 %

*Amorphous silica*

1.0 %

*Ethyl acrylate*

0.1 %

*2,2'-Iminodiethanol*

1.0 %

*Hydrochloric acid*

1.0 %

##### **CAA Accidental Release Prevention**

The following ingredients are listed:

*Hydrochloric acid*

Threshold Quantity: 15000 lbs

##### **OSHA Highly Hazardous Chemicals**

The following ingredients are listed:

## PRO-543 Universal Wallcovering Adhesive

*Hydrochloric acid*

Threshold Quantity: 5000 lbs

### **US State Regulations**

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

The following ingredients are listed:

*Ethyl acrylate*

Carcinogen.

*2,2'-Iminodiethanol*

Carcinogen.

#### **California Air Toxics "Hot Spots" (A-I)**

The following ingredients are listed:

*Ethyl acrylate*

*2,2'-Iminodiethanol*

*Sodium hydroxide*

*Hydrochloric acid*

#### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed.

#### **California Directors List of Hazardous Substances**

The following ingredients are listed:

*Ethyl acrylate*

*2,2'-Iminodiethanol*

*Sodium hydroxide*

*Hydrochloric acid*

#### **Massachusetts "Right To Know" List**

The following ingredients are listed:

*Kaolin*

*Amorphous silica*

*Ethyl acrylate*

*Proprietary*

*2,2'-Iminodiethanol*

*2-Amino-2-methylpropanol*

*Sodium hydroxide*

*Hydrochloric acid*

#### **Rhode Island "Right To Know" List**

The following ingredients are listed:

*Kaolin*

*Ethyl acrylate*

*Proprietary*

*2,2'-Iminodiethanol*

*Sodium hydroxide*

*Hydrochloric acid*

## PRO-543 Universal Wallcovering Adhesive

### Minnesota "Right To Know" List

The following ingredients are listed:

*Kaolin*

*Amorphous silica*

*Ethyl acrylate*

*Proprietary*

*2,2'-Iminodiethanol*

*Sodium hydroxide*

*Hydrochloric acid*

### New Jersey "Right To Know" List

The following ingredients are listed:

*Kaolin*

*3-Iodo-2-propynyl butylcarbamate*

*Ethyl acrylate*

*Proprietary*

*2,2'-Iminodiethanol*

*2-Amino-2-methylpropanol*

*Sodium hydroxide*

*Hydrochloric acid*

### Pennsylvania "Right To Know" List

The following ingredients are listed:

*Kaolin*

*Amorphous silica*

*Ethyl acrylate*

*Proprietary*

*2,2'-Iminodiethanol*

*2-Amino-2-methylpropanol*

*Sodium hydroxide*

*Hydrochloric acid*

### Inventories

#### US - TSCA

Some of the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

### 16. Other information

## PRO-543 Universal Wallcovering Adhesive

<b>Abbreviations and acronyms used in the safety data sheet</b>	ATE: Acute Toxicity Estimate. IATA: International Air Transport Association. ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. LC <sub>50</sub> : Lethal Concentration to 50 % of a test population. LD <sub>50</sub> : Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. BCF: Bioconcentration Factor. EC <sub>50</sub> : 50% of maximal Effective Concentration. NOEC: No Observed Effect Concentration. NOAEL: No Observed Adverse Effect Level.
<b>Training advice</b>	Read and follow manufacturer's recommendations.
<b>Revision comments</b>	This is the first issue.
<b>Revision date</b>	8/9/2018
<b>SDS No.</b>	7566
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H402 Harmful to aquatic life. USH01 May form combustible dust concentrations in air.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.