

# SAFETY DATA SHEET

UA-15

## Frontier Products Incorporated

Edition Date: 5/26/2019

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**Trade Name** UA-15 Premium Two-In-One Urethane Wood Adhesive

**Intended Use** Adhesive

**Manufacturer** Frontier Products Incorporated  
4524 J D Mouser Parkway  
Alvarado, TX 76009  
E-Mail: [www.frontierproductsinc.com](http://www.frontierproductsinc.com)  
Phone: (682) 422-3817

**Emergency Telephone Number**  
CHEMTREC 1-800-424-9300

### SECTION 2 HAZARDS IDENTIFICATION

**Respiratory sensitization** 1  
**Skin sensitization** 1  
**Eye irritant** 2A



**Signal Word** Danger

**Hazard Statements**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H334 May cause allergy or asthma or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.

**Precautionary Statements**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264.2 Wash skin thoroughly after handling.
- P280 Wear protective gloves.
- P284 In case of inadequate ventilation, wear respiratory protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
- P302+P352.A IF ON SKIN: Wash with plenty of water.
- P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P308+P313 If exposed or concerned: Get medical advice/attention.  
P333+P313 If skin irritation or rash occurs: Get medical attention.  
P342+P311.A If experiencing respiratory symptoms: Call a POISON CENTER.  
P363 Wash contaminated clothing before reuse.

## Storage Statements

P405 Store locked up.

## Disposal Statements

P501 Dispose of contents/container in accordance with Applicable regulations.

HMIS Rating (scale 0 – 4)

**HEALTH**  
1

**FLAMMABILITY**  
1

**REACTIVITY**  
0

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percent	OSHA (PEL)	ACGIH (TLV-TWA)
MDI Isocyanate	101-68-8	1-3	0.02	0.005 ppm
Calcium Carbonate	1317-65-3	35-65	15 mg/m3	10 mg/m3

## SECTION 4 FIRST AID MEASURES

**Eye Contact** Rinse with water for at least 20 minutes while holding eye open. Seek medical attention immediately.

**Skin Contact** Wash with plenty of soap and water. If irritation develops seek medical attention.

**Inhalation** Move to fresh air. If breathing is difficult, supply oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention if symptoms persist.

**Ingestion** Do not induce vomiting. Seek medical attention.

**Most Important Symptoms and Effects, both Acute and Delayed** Eye irritation  
Eye damage

**Indication of Any Immediate Medical Attention and Special Treatment Needed**  
No relevant information available.

## SECTION 5 FIRE FIGHTING MEASURES

**Extinguishing Media** Use Carbon Dioxide (CO<sub>2</sub>), dry chemical or water spray.

**Special Hazards** Do not inhale combustion gases. Burning may produce carbon dioxide and carbon monoxide.

**Advice for Fire Fighters** Use self-contained breathing apparatus and protective clothing.  
Do not release extinguishing water into the environment.



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## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Ventilate the area.
<b>Personal Precautions, Protective Equipment</b>	Wear safety glasses and gloves.
<b>Containment</b>	Use an absorbing material such as sand or earth.
<b>Environmental Procedures</b>	Prevent entry into water drains, surface water and water supply.
<b>Disposal</b>	Place into containers and dispose of material in accordance with federal, state and local regulations.
<b>Reference To Other Sections</b>	Section 7: Handling and Storage Section 8: Exposure Controls/Personal Protection

## SECTION 7 HANDLING AND STORAGE

<b>Precautions For Safe Handling</b>	Use appropriate personal protective equipment (PPE). Avoid skin and eye contact. Ensure adequate ventilation and avoid inhalation of vapors.
<b>Storage</b>	Store in a cool, dry, well ventilated area away from sources of ignition. Protect from water and high humidity.
<b>Incompatible Materials</b>	None
<b>Specific End Use(s)</b>	No information available

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Control Parameters</b>	Refer to Section 3.
<b>Exposure Controls</b>	Provide adequate ventilation and use personal protective equipment (PPE).
<b>Eye/Face Protection</b>	Safety glasses with side shields or safety goggles.
<b>Skin Protection</b>	Use gloves made of nitrile or rubber or other material resistant to the product. Wear protective work clothing.
<b>Respiratory Protection</b>	Respiratory protection is not normally required when used as directed. If exposure limits are exceeded or irritation occurs, use NIOSH approved respiratory equipment.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Paste

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<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Color</b>	Brown
<b>pH</b>	Not data available
<b>Boiling Point</b>	>300F
<b>Flash Point</b>	>250F
<b>Flammability</b>	Not flammable in a liquid state
<b>Viscosity</b>	No data available
<b>Solubility in Water</b>	Insoluble
<b>Evaporation Rate</b>	No data available
<b>Vapor Density</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>VOC</b>	<30.0 g/l
<b>Freezing Point</b>	Undetermined

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None are known under normal use.
<b>Conditions to Avoid</b>	Stable under normal conditions.
<b>Incompatible Materials</b>	None
<b>Hazardous Decomposition Products</b>	Decomposition by fire may produce carbon dioxide and carbon monoxide.

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Not classified
<b>Skin Corrosion/Irritation</b>	May cause irritation
<b>Serious Eye Damage/Irritation</b>	May cause irritation
<b>Sensitization</b>	May cause sensitization through inhalation May cause an allergic skin reaction
<b>Germ Cell Mutagenicity</b>	No data available

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Reproductive Toxicity	No data available
Developmental Toxicity	No data available
Carcinogenicity	Not classified
STOT - Single Exposure	No data available
STOT - Repeated Exposure	No data available
Chronic Toxicity	Not known
Target Organ Effects	Eyes, Respiratory system, Skin.
Aspiration hazard	Not classified

## SECTION 12 ECOLOGICAL INFORMATION

Toxicity	No data available.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility In Soil	No data available.
Other Adverse Effects	No data available.

## SECTION 13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods	Dispose of material and contaminated packaging in accordance with federal, state and local regulations.
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## SECTION 14 TRANSPORT INFORMATION

UN Number	Not applicable.
UN Proper Shipping Name	Not applicable.
Transport Hazard Classes	Not applicable. Not regulated in transport.
Packing Group	Not applicable.
Environmental Hazards	Not applicable
Special Precautions for User	Not applicable.
Transport in Bulk	Not applicable.

## SECTION 15 REGULATORY INFORMATION

TSCA	All components are listed on the TSCA inventory or are exempt.
SARA Section 302	None of the ingredients are listed.

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<b>Section 304</b>	101-68-8	4,4-Methylenediphenylene diisocyanate
<b>Section 313</b>	101-68-8	4,4-Methylenediphenylene diisocyanate
<b>California Proposition 65</b>	None of the ingredients are listed.	
<b>Massachusetts Right to Know</b>	4,4-Methylenediphenylene diisocyanate Calcium Carbonate	
<b>Pennsylvania Right to Know</b>	4,4-Methylenediphenylene diisocyanate Calcium Carbonate	
<b>New Jersey Right to Know</b>	4,4-Methylenediphenylene diisocyanate Calcium Carbonate	

## SECTION 16 OTHER INFORMATION

Intentional misuse by deliberately concentrating and inhaling this product can be harmful or fatal. All information contained in this Safety Data Sheet is accurate to the best of our knowledge. No warranty is expressed or implied regarding the accuracy or completeness of this information. No responsibility for personal injury, property damage or consequential damages caused by this product is assumed. The user assumes all risks associated with this product.