

SAFETY DATA SHEET

UA-5

Frontier Products Incorporated

Edition Date: 5/26/2019

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Trade Name UA-5 Premium Urethane Wood Flooring Adhesive

Intended Use Adhesive

Manufacturer Frontier Products Incorporated
4524 J D Mouser Parkway
Alvarado, TX 76009
E-Mail: 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 (CO₂), 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

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

SECTION 7 HANDLING AND STORAGE

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

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	Refer to Section 3.
Exposure Controls	Provide adequate ventilation and use personal protective equipment (PPE).
Eye/Face Protection	Safety glasses with side shields or safety goggles.
Skin Protection	Use gloves made of nitrile or rubber or other material resistant to the product. Wear protective work clothing.
Respiratory Protection	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

Physical State	Liquid
Appearance	Paste

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

SECTION 10 STABILITY AND REACTIVITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity	Not classified
Skin Corrosion/Irritation	May cause irritation
Serious Eye Damage/Irritation	May cause irritation
Sensitization	May cause sensitization through inhalation May cause an allergic skin reaction
Germ Cell Mutagenicity	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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Section 304	101-68-8	4,4-Methylenediphenylene diisocyanate
Section 313	101-68-8	4,4-Methylenediphenylene diisocyanate
California Proposition 65	None of the ingredients are listed.	
Massachusetts Right to Know	4,4-Methylenediphenylene diisocyanate Calcium Carbonate	
Pennsylvania Right to Know	4,4-Methylenediphenylene diisocyanate Calcium Carbonate	
New Jersey Right to Know	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.