

# MATERIAL SAFETY DATA SHEET



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Milliken Modular Carpet Adhesive-100V 4 Gallon Pail  
Chemical Name: Milliken Modular Carpet Adhesive-100V  
Chemical Family: Acrylate Emulsions  
CAS Number: Blend

### Company Identification

Milliken Chemical  
P.O. Box 817  
1440 Campton Road  
Inman, SC 29349 USA  
1-864-472-9041 (For questions and emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)



### **PRODUCT USE:**

Textile chemical.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT LISTING:

Chemical Name	Amount	CAS Number
WATER	35.0 - 50.0 %	
ACRYLIC LATEX	45.0 - 65.0 %	
UREA COMPOUNDS	1.0 - 10.0 %	

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

## 3. HAZARDS IDENTIFICATION

### **EMERGENCY OVERVIEW:**

Prolonged or repeated contact may cause skin or eye irritation. May be harmful if swallowed.

### **HMIS Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0  
Personal Protection Index - B

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

### **POTENTIAL HEALTH EFFECTS**

UNCONTROLLED DOCUMENT



**EYE:**

May cause slight irritation.

**SKIN:**

Prolonged or repeated skin contact may cause irritation.

**INHALATION:**

No known hazards when used according to container instructions.

**INGESTION:**

Harmful if swallowed.

## 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Contact a physician.

**SKIN CONTACT FIRST AID:**

Remove contaminated clothing and shoes. Wash affected area with large amounts of soap and water. Wash contaminated clothing before reuse.

**INHALATION FIRST AID:**

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms develop.

**INGESTION FIRST AID:**

If swallowed, immediately give 2 glasses of water. Do not induce vomiting. If vomiting should occur spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Contact a physician. Ingestion is not considered a potential route of exposure.

**NOTES TO PHYSICIAN:**

The polymer is not known to be toxic.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: >93.3 C (>199.9 F)

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: N/A

**EXTINGUISHING MEDIA:**

Water, carbon dioxide, foam or dry powder. Use water spray to cool fire exposed containers.

**FIRE & EXPLOSION HAZARDS:**

No known unusual hazards in a fire/explosion situation.

**FIRE FIGHTING INSTRUCTIONS:**

Evacuate non-emergency personnel to a safe area. Avoid breathing smoke, fumes, and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Contaminated extinguishing water must be disposed of in accordance with applicable regulations.



## 6. ACCIDENTAL RELEASE MEASURES

### SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment. Protect skin and eyes from exposure. Floor may become slippery.

### SPILL PROCEDURE:

Contain spilled material. Clean up area by absorbent material. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

### INITIAL CONTAINMENT:

Contain spilled material. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements. Wash area to prevent slipping.

## 7. HANDLING AND STORAGE

### RECOMMENDED STORAGE TEMPERATURE

Minimum: 0 C (32.0 F)

Maximum: 50 C (122.0 F)

### HANDLING (PERSONNEL):

Wash contaminated clothing before reuse. Wash hands thoroughly after handling. When sampling containers use appropriate personal protective equipment. Handle large containers with appropriate equipment. Do not get in eyes, on skin or clothing.

### HANDLING (PHYSICAL ASPECTS):

Keep from freezing. Do not store at temperatures above 49°C. Avoid contact with strong oxidizing agents. Keep container closed to avoid contamination.

### STORAGE PRECAUTIONS:

Keep container tightly closed. Do not stack drums more than three pallets high.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Facilities storing or using this material should be equipped with an eye wash and safety shower.

### EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles are recommended to avoid contact with eyes. When splashing of the material may occur, chemical goggles and a face shield are recommended.

### SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling.

### RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special respiratory protective equipment is required.

### EXPOSURE GUIDELINES:

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:

Soft Paste

COLOR:

Milky White



ODOR:	Slight, sweet odor
BOILING POINT:	212 F
VAPOR DENSITY:	>1 (Air = 1)
SOLUBILITY IN WATER:	Miscible
SPECIFIC GRAVITY:	1.1 (Water = 1)
PH:	6.5 - 7.5
% VOLATILES:	40-50 %
VOLATILE ORGANIC COMPOUNDS (VOC):	None

## 10. STABILITY AND REACTIVITY

### STABILITY:

This product is stable at ambient conditions.

### POLYMERIZATION:

Hazardous polymerization will not occur.

### INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents. Avoid contact with strong bases.

### DECOMPOSITION:

In the case of a fire, oxides of carbon, nitrogen, hydrocarbons, fumes, and smoke may be produced.

## 11. TOXICOLOGICAL INFORMATION

No information available.

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Milliken Modular Carpet Adhesive-100V 4 Gallon Pail

## 15. REGULATORY INFORMATION

### CHEMICAL INVENTORY INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

WHMIS Hazard Symbols:



None

**EEC Symbols and Indications of Danger:**

Not Determined

**16. OTHER INFORMATION**

PREPARED BY: Steven Brown  
APPROVED BY: Steven Brown  
TITLE: Senior Development Chemist  
APPROVAL DATE: December 16, 2002  
SUPERCEDES DATE: January 24, 2000  
MSDS NUMBER: 827895

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**END OF MSDS**

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