



## ROP 445 ROP-CORD ADHESIVE

### DESCRIPTION:

**REFER TO THE PRODUCT INSTALLATION INSTRUCTIONS FOUND IN THE BOX OF ROP-CORD.** This adhesive is specially manufactured for the installation of ROP 445. It is water-resistant, nonflammable, synthetic latex based adhesive designed for interior and exterior applications. This adhesive produces a high strength, water-resistant bond and can be applied to dry concrete, metal, ceramic, wood, underlayment grade plywood and cement terrazzo surfaces. Apply ROP 445 with a 1/8" square notch trowel.

### SUB-FLOOR PREPARATION:

1. All sub-floors must be flat, smooth, clean, dry and free of dust, wax, paint, grease or any material that might interfere with proper adhesion.
2. The moisture emission shall not exceed 4.0 pounds per 1,000 square feet per 24 hours utilizing the recommended Calcium Chloride Test Procedure. In addition, any pH reading higher than 8 is an indication of a potential problem and the concrete must be neutralized by rinsing with clean water and re-checking to ensure at least a pH reading of 8 is achieved.
3. Do not use the ROP 445 if hydrostatic pressure exists.
4. A new wood floor should not be sealed as the adhesive grips better on raw wood.
5. Old wood should be free of paint and all types of sealers.
6. Remove dust and dirt by vacuuming rather than sweeping.

### DIRECTIONS:

1. Store ROP-CORD and the ROP 445 at a temperature of 65°F - 85°F for 48 hours prior to, during, and after installation. Maintain room temperatures between 65°F - 85°F thereafter.
2. When spreading the adhesive over a rough floor, it is advisable to make the application heavier to ensure a proper bond between the adhesive and the backing.
3. Use a roller within 30 min. after each ROP-CORD is installed. Re-roll 30 min. after initial rolling.
4. Roll lengthwise and crosswise with a 100 pound 3 sectional roller to ensure, good adhesive transfer to the material backing.
5. A 1/16" space must be left between each tile and roll material seams to allow for product expansion". In addition, add ROP-Cord Tile must be installed in a parquet pattern.
6. Refer to ROP-Cord's 10-Part Specification Sheet for complete installation procedures, instructions, cautions and warnings.
7. Do not expose to topical moisture of any type for 48-72 hours.

**TROWEL & COVERAGE:** 1/8" square notch is approximately 75 sq ft per gallon depending upon the condition of the substrate.

**CLEAN-UP:** Wet Adhesive can be removed from tools and Flex-Tuft™ with warm soapy water.

2.41 GRAMS VOLATILE ORGANIC COMPOUNDS PER LITER PER SCAQMD RULE 1168.

**FOR MORE INFORMATION READ MATERIAL SAFETY DATA SHEET  
KEEP OUT OF REACH OF CHILDREN**

### LIMITED WARRANTY:

All recommendations made by Roppe for the use of this product is based on the best available information and are believed to be accurate. However, they are necessarily general and in any specific installation for the choice of correct type of adhesive and method of installation is that of the installing contractor.

Refer to ROP-Cord 445's 10-Part Specification Sheet for complete installation procedures, instructions, cautions and warnings. For product information, MSDS, installation and maintenance instructions, contact a Roppe distributor or call Roppe Customer Service at 419-435-8546, [www.roppe.com](http://www.roppe.com). THE ABOVE IS MADE IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.

ROPPE  
1602 North Union Street • Box 1158  
Fostoria, OH 44830-1158  
419-435-8546



# MATERIAL SAFETY DATA SHEET

## ROPPE

FORSTORIA, OH 44830-1158

24 Hour Emergency Telephone CHEMTREC 1-800-424-9300

24 Hour Emergency telephone 1-419-435-8546

### I. PRODUCT IDENTIFICATION

Product Name: ROP 445SF

Chemical Family: Aqueous Emulsion

### II. HMIS (0=minimal hazard; 4= severe)

Health = 0 Flammability = 0 Reactivity = 0

Pers. Prot. Equip: B

### III. HAZARDOUS INGREDIENTS

Ingredient (CAS #)	Percent:	Occ. Exp. Lmt.
No Hazardous Ingredients		

### IV. PHYSICAL DATA

BOILING RANGE: 212°F VAPOR DENSITY: Heavier than air. EVAPORATION RATE: Slower than Ether. PERCENT VOLATILE BY VOLUME: 18% PERCENT WATER VOLUME: 18% Specific Gravity: 1.30 VOC: 0 grams per liter calculated based on no solvent added. Non-photochemically reactive.

### V. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: DOT nonflammable. OSHA: 111B. DOT: 0. FLASH POINT: n/a. LEL: none. Water based adhesive, nonflammable in wet state. Dried adhesive will burn if exposed to ignition source, or heated to temperatures above 400°F, producing carbon dioxide, carbon monoxide, thick smoke with hydrocarbons. EXTINGUISHING MEDIA: Water mist, dry chemical, carbon dioxide and foam. UNUSUAL FIRE AND EXPLOSION HAZARDS: None. SPECIAL FIRE FIGHTING PROCEDURES: None.

### VI. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: None known. PRIMARY ROUTES OF ENTRY: Inhalation and ingestion. MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known. EMERGENCY FIRST AID PROCEDURES: In case of eye contact, flush eyes with clear water for 15 minutes or until irritation subsides. See a physician.

### VII. REACTIVITY DATA

STABILITY: Stable. HAZARDOUS POLYMERIZATION: will not occur. HAZARDOUS DECOMPOSITION PRODUCTS: None known. CONDITION TO AVOID: none known. INCOMPATIBILITY (Materials to avoid): none known.

### VIII. SPILL OR LEAK PROCEDURES

SPILLS: Scoop material into DOT approved container. Remove to safe place where material can dry. WASTE DISPOSAL METHOD: Dispose of in accordance with local disposal regulations. Do not flush adhesive down drain.

### IX. SAFE HANDLING & USE INFORMATION

VENTILATION: Use with adequate ventilation. Open doors and windows, and utilize other means to assure fresh air entry and exhaust. PROTECTIVE GLOVES: None required. EYE PROTECTION: Glasses to avoid splashes. OTHER PROTECTIVE EQUIPMENT: None required. HYGIENIC PRACTICES: Wash skin with soap and water or hand cleaner.

### X. SPECIAL PRECAUTIONS

HANDLING AND STORING: Avoid extreme heat or cold. OTHER PRECAUTIONS: Keep out of reach of children. Use only as directed on label. Close container after each use. Do not reuse container. Avoid skin and eye contact.

### XI. TRANSPORTATION DATA

D.O.T.: Unregulated.

SHIPPING NAME: Adhesive

New Jersey right to know cas #'s: Water #7732-18-5, Processing Oil #64742-52-5, Reinforcer #1332-58-7, Extender #1317-65-3, Elastomer #9003-55-8)

Roppe believes that data set forth herein is accurate as of the date hereof, and makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

N/A not applicable or not available

N/K none known or not known

ROPPE  
1602 North Union Street  
Box 1158  
Fostoria, OH 44830-1158  
419-435-8546

7/24/2006