

# WATERBORNE PRODUCTS, SYSTEMS, AND APPLICATION

REF07

Waterborne refinishing products are quickly emerging as a part of today's technology because of their more positive impact on the environment. Understanding the difference between waterborne and solvent-borne products along with the benefits of using waterborne refinishing materials is necessary for any shop considering conversion to waterborne refinishing, as is the knowledge of proper disposal procedures for waterborne waste and the types of assistance offered by paint companies to make the conversion successful.

The content found in this training program pertains to industry professionals in the collision repair and insurance fields and is of interest to anyone wishing to learn more about waterborne refinishing materials.

## Course Content

### Module 1 – Waterborne Refinish Materials

This module will highlight the objectives for this course and identify the various types of waterborne refinishing materials. It will provide safety considerations, environmental concerns, and EPA regulations. This module also describes the differences between waterborne and solvent-borne products.

### Module 2 – Waterborne Refinish Systems

In this module, the student will take a closer look at preparation, mixing, and application, as well as spray gun considerations and techniques. This module also includes air movement requirements and recommendations.

### Module 3 – Storage, Waste Disposal, and Waterborne Conversions

The final module of the course covers proper storage and freeze-prevention considerations for waterborne materials. The student will also learn proper disposal procedures for waterborne waste.

## Recommendations

This class is fast-paced and covers a range of information related to waterborne refinishing materials. It is recommended that students have a basic understanding of refinishing processes before converting to waterborne for an efficient transition. The following I-CAR training programs are recommended:

- Refinishing Equipment and VOC Regulations (REF01)
- Surface Preparation and Masking (REF02)
- Color Theory, Application, Tinting, and Blending (REF03)
- Corrosion Protection (CPS01)
- Hazardous Materials, Personal Safety, and Refinish Safety (WKR01)

## Registration

To register for Waterborne Products, Systems, and Application (REF07), visit the I-CAR Web site at [www.i-car.com](http://www.i-car.com) or contact the I-CAR Customer Care team at 800-422-7872.

## Course Highlights

**Points:** 1

**Estimated Duration:** 4 hours

**Format:** Classroom instruction with written test

**After completing this course, you will be able to:**

- Explain why waterborne products are used and which waterborne products are available
- Understand the difference between waterborne and solvent-borne refinishing materials, including waterborne characteristics and benefits
- Identify the environmental impact and reasons for converting to waterborne refinishing materials
- Understand preparation, mixing, and application considerations
- Explain the facility requirements for making the conversion to waterborne refinishing materials
- Recognize proper storage and disposal procedures of waterborne materials

For more information about this course, contact your local zone office at 800-422-7456 or your local I-CAR committee.



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