



The Chemical Company

The wave of the future
is already here



Onyx HDTM
Waterborne Basecoat

CHOOSE LEADING-EDGE TECHNOLOGY

For nearly 100 years, the R-M® line of products has filled an important niche in the refinish industry, striking the ideal balance between proven quality and cost efficiency.

Over the decades, our coatings have remained the progressive bodyshop's choice for a beautiful finish. Today, with many states, countries and even continents regulating the amount of volatile organic compounds (VOCs) in refinish products, you have a new choice to keep your business compliant and productive.



ONYX HD: *solid results*

The new R-M Onyx HD™ waterborne basecoat system combines ease of use and durability with superb color matching. And it does all this while staying in compliance with today's most stringent VOC regulations at local, regional and national levels.

With Onyx HD in your corner, the transition to lower VOCs will be a smooth one. Our goal is to give you the opportunity to bring next-generation processes into your shop – staying ahead of the competition and offering customers a superior finish while realizing the economies and advantages of this technology.

ONYX HD MAKES IT POSSIBLE

Performance is the priority

Developed from the advanced technology that made BASF a worldwide industry leader, Onyx HD uses a waterborne system to deliver the quality finish your customers demand.

About 70 percent of today's vehicle manufacturers use waterborne coatings in their plants. And when OEMs rely on a technology, refinishers must be able to share that same level of reliability.

PAINT PERFORMANCE

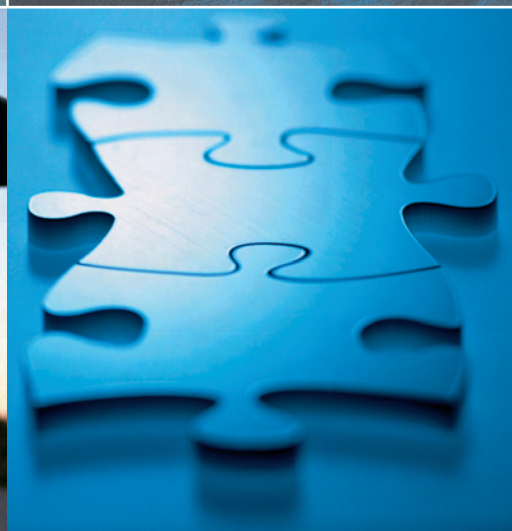
BASF's industry-leading technology assures you a high-quality finish.

SYSTEM PERFORMANCE

Onyx HD is formulated to integrate smoothly with your existing spray equipment.

ENVIRONMENTAL PERFORMANCE

Using low-VOC Onyx HD allows your shop to stay both compliant and competitive.



Developed and formulated in the industry-leading laboratories of BASF, Onyx HD meets or exceeds OEM factory-finish standards.

Fully aligned with the BASF COLOR-MAX®3 system, Onyx HD can be matched to both solventborne and waterborne OEM coatings. Its uniform finish provides perfect metal control – giving you the confidence to work with any color, from Blue Velvet to Midas Gold.



Do MUCH MORE WITH MUCH LESS

8 FACTS EVERY SHOP MUST KNOW ABOUT ONYX HD

1. YOU DON'T NEED NEW EQUIPMENT TO SPRAY ONYX HD™

If your shop is already equipped with an HVLP spray gun, then you have the equipment to spray Onyx HD. In most cases you don't need any significant new equipment apart from disposal containers for water.

2. ONYX HD IS EASILY TRANSPORTED AND STORED

Unlike competitive systems, Onyx HD bases are solventborne concentrates. This reduces can size, increases shelf life and eliminates concerns about freezing.

3. ONYX HD IS ALIGNED WITH THE BASF COLOR-MAX®3 SYSTEM

This assures you of an ideal color match. Even if you are restoring an older vehicle that was finished in solventborne, each color in the COLOR-MAX system has a waterborne equivalent to the solventborne original.

4. BASF SUPPORTS YOUR STAFF THROUGHOUT THE TRANSITION

While Onyx HD is easy to integrate into your shop, there are some set-up, mixing and disposal processes you will want to know as you begin using a waterborne system. BASF's comprehensive training program helps you make the transition.

5. FAST APPLICATION AND FLASH TIMES IMPROVE THROUGHPUT

Onyx HD requires only two coats (flash to matte) and then a mist coat for effect pigment orientation. And under conditions of adequate air flow, flash times are comparable to solvent.

6. IN MOST CASES, NO ADDITIVES ARE NEEDED WITH ONYX HD

However, for the repair area on critical colors, such as gold or silver, you'll want to prepare the area with Onyx Blender Pro.

7. THERE IS NO SIGNIFICANT DIFFERENCE IN DRYING TIME

The drying of the basecoat depends on the bodyshop's temperature, humidity and air circulation. But on average, Onyx HD dries in about 15 minutes at 70° F (20° C) and in about 3 minutes with infrared short-wave.

8. WATERBORNES REALLY ARE BETTER FOR THE ENVIRONMENT

Onyx HD enables you to reduce your basecoat solvent emissions by approximately 90 percent with the same high-quality finish you expect from R-M®.

ONYX HD BY THE NUMBERS

CYCLE TIMES:

- Application Time
- Flash-off Times
- Process Time

3.2 minutes
8.4 minutes
11.6 minutes

Competitor's processing times are 11 percent to 65 percent longer than Onyx HD per job.

USAGE INFORMATION:

- Shelf Life

HB002 – 12 months
HB004 (Slow) – 12 months
HB005 (Slow)* – 12 months
HB020 – 12 months
HB040 – 12 months
HB052 – 12 months
HB100 – 12 months
Tinting bases – Unlimited shelf life

- Mixing Ratio

100% Onyx HD Color, 60-80% HB020/HB040

- Spray Viscosity at 20° C (68° F)

Approximately 21-26 seconds

- Number of Spraycoats

2+

- Film Thickness

Solid: 12-25 microns (0.5-1.0 mils)

PRODUCT INFORMATION:

- Tinting Bases

HB090-HB999

- Mixing Clear

HB002 – Hydrobase
HB004 – Hydrobase Slow
HB005 – Hydrobase Slow•

- Reducer

HB020 Hydromix
HB040 Hydromix Slow

- Additive for blending repairs

HB052 Onyx Blender Pro

- Coagulating agent

825 Hydropure

- Mixing clear for tri-coat colors

HB100 Mixing Clear

* California only.



TRUSTED WORLDWIDE

Around the world, BASF waterborne technology is changing the way vehicles are finished and refinished.

Among refinish companies, only BASF has commercial waterborne experience reaching back more than 30 years. Today, the move toward cost-efficient, low-VOC coating is apparent at the OEM and refinish level. Major nameplates, including General Motors and Ford, use BASF waterborne systems on their assembly lines and in their shops. Across Western Europe, some 60 percent of R-M® shops have made the move to Onyx HD™, while in France alone, the number has reached 75 percent.

And in China, where a booming economy is driving demand for automobile production, BASF became the first company to successfully introduce waterborne basecoat technology.

With a tradition in waterborne technology that stretches back more than a decade, R-M leads the industry in delivering this cost-effective, environmentally responsible choice.

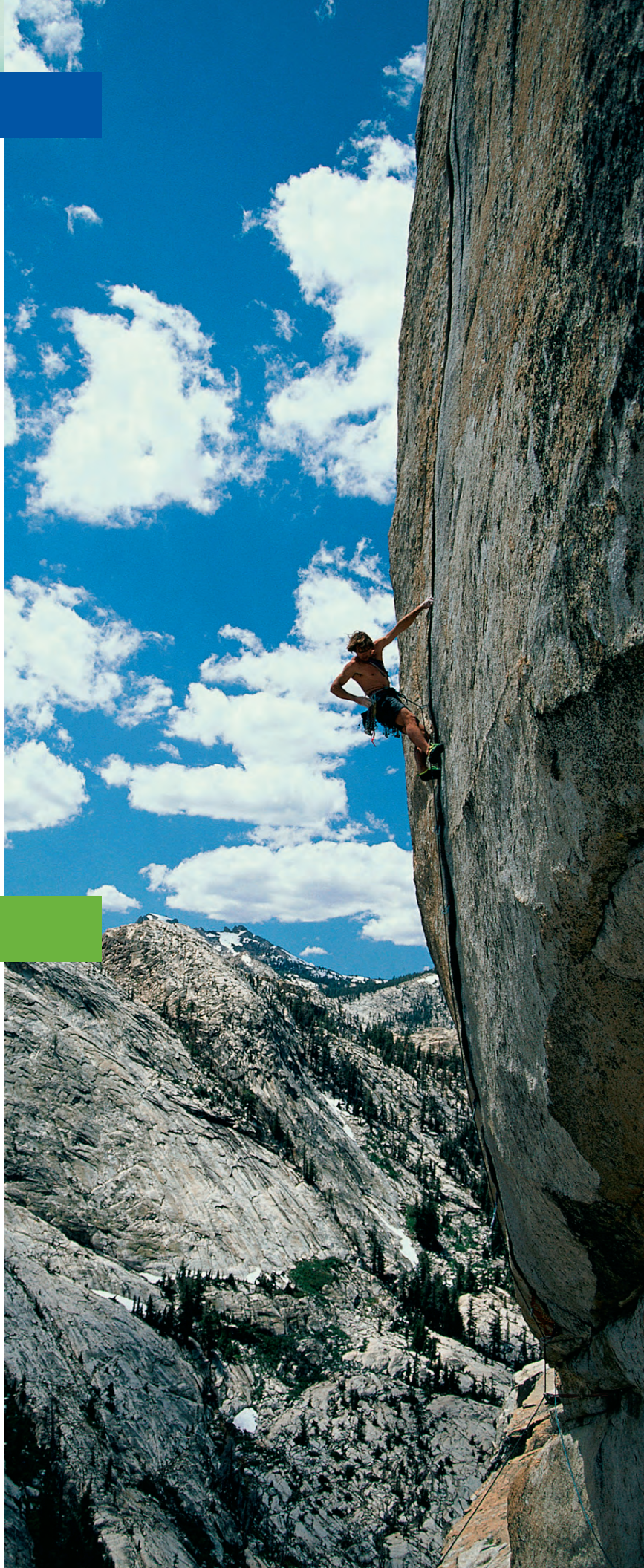
THE CONFIDENT CHOICE

Why compromise when it comes to staying compliant? Onyx HD, the cost-effective choice for lowered VOCs, delivers a tested work system to enhance shop performance while lowering risk.

Used as directed, Onyx HD's reduced overspray and lowered odor facilitate a safe and healthy environment for your shop and your community.

Its advanced technology delivers the qualities you want – reduced processing time, faster spray time and quicker drying times – to improve your throughput and lower your labor and material costs.

Even Onyx HD clean-up is designed to save you money. Simply add Hydropure to your unused coatings. The paint will separate for easy disposal, while the leftover liquid can be put back into use!



SUPPORTING YOU DOWN THE ROAD



LIFETIME WARRANTY

Our commitment doesn't end with the delivery of products. BASF has built an industry-leading position in customer support and satisfaction, using the foundation of these value-added resources:

The BASF Lifetime Warranty is one of the best in the industry, and is backed by the resources of BASF throughout the United States and Canada. Because BASF's reach extends to every state and province, you and your customers are assured warranted coverage wherever it's needed in North America.

ONLINE SUPPORT

At www.basfrefinish.com you'll find dynamically updated information that you can put to use right away. With your registered member access, you are connected to fast, free downloads, from a tech data sheet and an MSDS to a bulletin or a press release.

And when it's time to identify a color formula, www.basfrefinish.com has the answer. Our online Formula Lookup feature easily guides your search to produce the right formula the first time, every time.

TRAINING

Ideal for new hires, and valuable as a refresher for your experienced staff, BASF courses, seminars and workshops offer hands-on training in waterborne spray techniques, finish repair, color retrieval, troubleshooting and much more.

VISIONPLUS

VisionPLUS® Online is an industry-leading interactive tool, which collision center managers and owners can use to monitor and help improve the performance of their businesses. VisionPLUS Online has already helped improve the productivity and profitability of countless bodyshops.

For more information on any of these resources, please contact your BASF jobber or representative, or visit www.basfrefinish.com.

**For additional information or
to locate a BASF distributor
near you, call 1-800-825-3000
www.basfrefinish.com**

BASF, The Chemical Company, is the world's leading chemical company. Its portfolio ranges from oil and gas to chemicals, plastics, performance products, agricultural products and fine chemicals. As a reliable partner, BASF helps its customers in virtually all industries to be more successful. With its high-value products and intelligent solutions, BASF plays an important role in finding answers to global challenges, such as climate protection, energy efficiency, nutrition and mobility. Further information on BASF is available on the Internet at www.basf.com.



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