

# MSP-SERIES

## Pearls

### Technical Data Sheet

Technical Hotline 800.735.0303

#### PRODUCT NUMBER

MSP-086  
MSP-087  
MSP-088  
MSP-089  
MSP-090  
MSP-091  
MSP-092  
MSP-093  
MSP-094  
MSP-095  
MSP-096  
MSP-097  
MSP-098  
MSP-099

#### DESCRIPTION

RED/GREEN PEARL  
FINE BLUE PEARL  
ORANGE PEARL  
VIOLET PEARL  
SUNSET RED PEARL  
GREEN PEARL  
FROST BLUE PEARL  
TINCTURE GOLD PEARL  
BLUE GREEN PEARL  
BRIGHT WHITE PEARL  
RUSSET PEARL  
COPPER PEARL  
FINE WHITE PEARL  
FINE RUSSET PEARL

#### **XIRALLIC®**

MSPX-01  
MSPX-02  
MSPX-03  
MSPX-04  
MSPX-05  
MSPX-06  
MSPX-07

RADIANT RED PEARL  
CRYSTAL SILVER PEARL  
SUNBEAM GOLD PEARL  
GALAXY BLUE PEARL  
STELLAR GREEN PEARL  
SOLARIS RED PEARL  
FIRESIDE COPPER PEARL

#### DESCRIPTION

MSP Series pearls and MSPX Series Xirallic® pearls are powdered pearl concentrate designed to help reproduce OEM vehicle colors. MSP, MSPX may be mixed into AccuShade™ Intermix System formulas or by themselves to add exciting pearl tones to any custom project creating just the effect you are looking for.

#### MIXING RATIO

The following instructions for mixing MSP, MSPX Series pearls are intended for use in custom applications. For AccuShade™ formulations containing MSP, MSPX Series pearls follow the recommended mix ratios identified on the corresponding technical data sheet for the MSP or MPB system you are using.

## WHEN USING MPB-500

MSP, MSPX : MPB-500 : MR-REDUCERS : MX-57  
12 Grams : 1 Quart : 1 Quart : 1.5 oz. per rts qt.



Mix up to 12 grams MSP, MSPX Series Pearl per quart of MPB-500. Reduce MPB-500 1:1 with Matrix MR-0800 Series Reducers and MX-57 Basecoat Activator.

**Note:** MX-57 Basecoat Activator is highly recommended for best performance.

**Note:** Agitate using a mechanical paint shaker to ensure pearls are in solution prior to reduction. Mix (by volume) 1 part MPB-500 (with pearl in solution) to 1 part MR-800 Series reducer to 1.5 oz. MX-57 per rts qt. Reduce only with MR-800 Series reducers based on temperature range.

**Note:** MX-57 Basecoat Activator is recommended for use whenever elevate film builds such as those resulting from applying multi stage finishes. See the MX-57 Technical Data Sheet for additional information.

**Note:** Using temperature correct reducers is critical in the application of paint finishes and failure to use the correct temperature reducer can result in a myriad of problems associated with coatings drying too fast or drying too slow.

**Note:** ALWAYS SPRAY A TEST PANEL!

## POT LIFE



Basecoat Activator  
MX-57

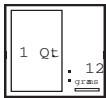
Time  
2 Hours

Temp  
77°F

**\*Tech Tip:** Pot Life will shorten as temperatures increase. Matrix System products are not recommended for use in temperatures below 65° F.

## WHEN USING MS-CLEARCOAT

MSP, MSPX : MS-CLEARCOAT  
12 Grams : 1 Quart



Mix up to 12 grams MSP, MSPX Pearl per quart of RTS MS-Clearcoats. Catalyze according to the specific clearcoat technical data sheet.

**Note:** MSP, MSPX may be used in: MS-20, MSV-21, MSV-27, MS-42, MS-47, MS-747, MS-52, MSV-85, AG-40.

**Note:** Clearcoats used as midcoats containing pearls must be clearcoated with an additional 2-3 coats of clear without pearl for best performance and optimum protection.

**Note:** Using temperature correct activators is critical in the application of paint finishes and failure to use the correct temperature activator can result in a myriad of problems associated with coatings drying too fast or drying too slow.

**Note:** ALWAYS SPRAY A TEST PANEL!

## POT LIFE



Refer to the specific clearcoat technical data sheet for the products pot life information.

## **ADDITIVES**



Refer to the specific technical data sheet of the products you are using for the correct information regarding additives.

## **APPLICATION**



Refer to the specific technical data sheet of the products you are using for the correct information regarding application.

## **TEST SPRAY OUT REQUIRED**

**IMPORTANT!** You must test spray a panel before painting your actual project. This is necessary due to all the variables in the custom painting process. By test spraying you will see your end result before you start painting your project. You can practice on a panel and change your application techniques if necessary so your final paint job looks just like you want it to.

## **REPAIRING & RECOATING**



Refer to the specific technical data sheets of the products you are using for the correct information regarding repairing and recoating .

## **ARTWORK & INTERCOAT CLEAR**



**DO NOT TAPE DIRECTLY ONTO THE MIDCOAT WHENEVER POSSIBLE!**

### **WHEN USING MPB-500**

If artwork is planned, apply 1 or 2 medium coats of catalyzed MPB-500 with MX-57 to protect the underlying paint layer from mishaps such as tape marks, chemical spills or etc that may damage layers applied at a prior date. In addition, the protective coating will be easier to sand imperfections out of and will not require to be re-coated with a midcoat effect after sanding. See tech sheet for more information on MPB-500.

### **WHEN USING MS-CLEARCOAT**

If artwork is planned, apply 1 or 2 medium coats of MS-Clearcoat (without pearl) you are using to protect the underlying paint layer from mishaps such as tape marks, chemical spills or etc that may damage layers applied at a prior date. In addition, the protective clearcoat will be easier to sand imperfections out of and will not require to be re-coated with a midcoat effect after sanding. See the specific technical data sheet for more information on the MS-Clearcoat you are using.

## **EQUIPMENT CLEANUP**



Clean equipment immediately after use with MX-110 Gun Wash or a high quality lacquer thinner.

## **EXCLUSIVE WARRANTY**

There is **NO** warranty on color match, final color, or application of FX products or custom applications. Product warranty is exclusively limited to replacement of the product only, if and when the product is deemed to be defective by Matrix corporate technical personnel and communicated to the customer in writing. No other contingent liability, labor, or replacement of associated product is covered by this warranty. This is necessary because of the many application variables involved in the custom painting process. Custom applications and FX Custom Finishes are excluded from coverage under the Matrix System warranty program.

Manufactured by Matrix System Automotive Finishes.

**NOTE: Matrix Systems products are not recommended for use in temperatures below 65°F. Use below these temperatures will effect dry times and performance.**

**FOR INDUSTRY USE ONLY**

**Read MSDS Before Use**

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

**SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.**

***Put it to the test!***

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