

EPOXY COLOR ADDITIVE

Technical Data Sheet

DESCRIPTION:

A 100% solids, concentrated epoxy color additive.

USES:

For use in pigmenting Valspar epoxies.
(See mix ratio chart for compatibility).

ADVANTAGES:

- 100% solids; VOC compliant
- Reduces inventory requirements
- Reduces cost per gallon
- Eliminates stability problems inherent in solvent based pigmented systems

PACKAGING:

EPOXY Color Add is packaged in quart containers, four quarts per case.

MIXING:

1. Consult the color additive mix ratio chart in order to determine the proper amount of Epoxy Color Additive needed to pigment the selected coating. Be careful not to introduce any air into the product while mixing. Keep Jiffy mixer blade below surface of the product being mixed. Air in the mixture can cause bubbles on the surface of the dried film.
2. The desired Epoxy Color Additive must be thoroughly mixed for 1-2 minutes prior to blending into coating.
3. If a two-component coating is to be pigmented, blend the Epoxy Color Additive into the Part "R" Resin first with a jiffy mixer. Mix for approximately 2-3 minutes, being careful not to introduce any air bubbles during the process. Then mix in the Part "H" Hardener.

LIMITATIONS:

Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on www.valsparflooring.com.

Proper material application is the responsibility of the user. Site visits by Valspar personnel are for making technical recommendations only and are not for supervising or providing quality control.

1. **None of the Epoxy Color Additives are compatible with solvent based urethanes.**

TYPICAL PHYSICAL PROPERTIES:

Colors:	Beige Rose Beige Black Bright Red Bright Yellow Colonial Blue Gray Green Highgate Green Light Gray Oxford Gray Raffia Beige Steel Gray Tile Red
Non-Volatile Content:	100 %
Weight/gal:	9.95-16.90 lbs
Flash Point:	210 °F
D.O.T. Data:	Paint; not regulated
Shelf Life:	1 to 2 years

2. Before mixing any Epoxy Color Additive into a coating, be sure that the label on the colorant reads "100% SOLIDS EPOXY COLOR ADDITIVE." If it does not, contact Federal Customer Service in order to confirm compatibility before proceeding. Use Jiffy mixer to thoroughly mix colorant before adding to resin base. This will make the colorant uniform and easier to pour out of container completely.
3. Epoxy Color Additive is not intended for use with other manufacturers' coatings.
4. If there is any question as to whether or not the Epoxy Color Additive will provide the proper hiding properties for a particular application, a test patch should be performed and evaluated for hide.
5. Epoxy Color Additive is not intended to be used alone, or without mixing with a compatible Federal coating.
6. The use of solvents or thinners in the Epoxy Color Additive is not recommended.
7. Epoxy Color Additive is not compatible with Valspar PR-14 WB Kwik Prime.
8. When using brighter colors such as the White, Bright Red or Bright Yellow, additional coats may be required for proper hide. Using more color additive than what is recommended on the Epoxy Color Additive Mix Ratio will result in extended cure times and less chemical and abrasion resistance.

MIX RATIO CHART:

Valspar Epoxy Coatings		Epoxy Color Additive
1070 Clear	3 mixed gallons	1 quart Epoxy Color Additive
EC-3	3 mixed gallons	1 quart Epoxy Color Additive
EC-6	3 mixed gallons	1 quart Epoxy Color Additive
EC-7	3 mixed gallons	1 quart Epoxy Color Additive
EC-7 Fast Cure	3 mixed gallons	1 quart Epoxy Color Additive
EC-10	3 mixed gallons	1 quart Epoxy Color Additive
EC-11	5 mixed gallons	22-24 oz. Epoxy Color Additive
EC-15	3 mixed gallons	1 quart Epoxy Color Additive
EC-17	2.5 mixed gallons	1 quart Epoxy Color Additive
Epo-Rok Neutral	Per batch (1 resin, 1 hardener, 3 bag mix)	6-12 oz. Epoxy Color Additive
Epo-Rok Top Dressing	3 mixed gallons	1 quart Epoxy Color Additive
ESD Epoxy Topcoat	3 mixed gallons	1 quart Epoxy Color Additive
PR-7	3 mixed gallons	1 quart Epoxy Color Additive
R-90 + Hardener	3 mixed gallons	1 quart Epoxy Color Additive
Valflex	1 mixed gallon	1 pint Epoxy Color Additive
Verrazzo	5 gallons R-90 resin	1 pint Epoxy Color Additive
Versacolor	5 gallons R-90 resin	1 pint Epoxy Color Additive

TROUBLE SHOOTING:

PROBLEM OBSERVED	POSSIBLE CAUSES
Insufficient hiding properties after coating is applied	Not enough coats applied, Not enough pigment used, Check mix ratio chart for proper ratio; Epoxy Color Additive not pre-mixed before using. See mixing section of data sheet; Solvent used in either the Epoxy Color Additive (or the coating applied if it is 100% solids).
Epoxy Color Additive is lumpy or gritty;	Epoxy Color Additive not pre-mixed before adding to the coating.
Color separation and pigment float after coating is applied	Epoxy Color Additive used with an incompatible product, See limitations section of data sheet; Contact Federal Customer Service for information.
Upon opening the container, additive shade seems lighter or darker than normal	Product needs to be mixed in the container to blend pigment together.

REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HANDLING INFORMATION.

DISPOSAL:

Dispose in accordance with federal, state, and local regulations. Use licensed hazardous waste company.

Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

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