

SELECTION & SPECIFICATION DATA

Generic Type	Additive
Description	Additive 8505 is an accelerator used to speed the cure of select atmospheric epoxies.
Features	Additive 8505 accelerates atmospheric epoxy cure rates and shortens dry film formation time with a wide range of application temperatures. In general, dry times can be decreased from 25-40%, depending on the ambient conditions and substrate temperature. With the use of Additive 8505, select Carboguard products intended for atmospheric/non-immersion service will continue to cure at temperatures as low as 35 °F (2 °C); applicators shall be aware its use will also shorten pot life times by 40- 50%. Refer to product instructions and cure times for guidance.
Color	Clear
Limitations	<ul style="list-style-type: none">• DO NOT USE with any Phenalkamines (No Carboline 600 series products)• NO Carbozinc products, NO Thermaline products, NO Immersion Systems, No Coatings Under Insulation (CUI), No Buried Services, NO water-based products• Can accelerate the yellowing of epoxies left exposed to UV
Pot Life	Additive 8505 will shorten pot life of mixed material between 25-40%, depending on ambient temperature.

MIXING & THINNING

Mixing	Mix epoxy components together per their individual mixing instructions; then add Additive 8505 and slowly mix until completely dispersed.
Ratio	Normally used at a rate of 1-1.2 oz per mixed gallon unless otherwise designated on the Carboguard product data sheet.

CLEANUP & SAFETY

Safety	Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions.
Ventilation	When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA / NIOSH approved respirator.
Caution	The product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workers should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

PACKAGING, HANDLING & STORAGE

Shelf Life	36 months When kept at recommended storage conditions and in original, unopened containers.
Storage Temperature & Humidity	40 - 110 °F (4 - 43 °C) 0-80% Relative Humidity

Additive 8505

PRODUCT DATA SHEET



PACKAGING, HANDLING & STORAGE

Storage | Store indoors

WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.