



HELLO FUTURE!

DISCOVERING THE FUTURE
OF GREEN ROOFING



TDS

 GREEN
COMPOSITES

EverGreen Hybrid Catalyst (High Reactivity MEKP)



PRODUCT OVERVIEW:

Colour	
Total active oxygen	9.8 – 10%
Viscosity@20°C	25mPas
Density@20°C	1.170 g/cm ³
Pack Sizes	1, 5 & 30tr

Uses

Guidelines for Curing EverGreen Hybrid Resins, Topcoats, and Primers
To ensure the proper curing of EverGreen Hybrid resins, topcoats, and primers, it's essential to follow the prescribed guidelines.

Features

- Low water content
- Highly consistent cure rates
- Winter /High reactivity version
- 10% Higher concentration than standard version

Description:

EverGreen Hybrid winter catalyst is an integral component in curing EverGreen Hybrid resin and topcoat/primer systems when temperatures fall below 10-11°C. This catalyst allows for flexible additions ranging from 1-3% by weight to achieve the desired working/cure time of the system. Additional information such as the addition rates can be found in the installer guide/s.

Understanding Thermal Stability for Organic Peroxides

Organic peroxides can be unstable and may undergo self-accelerating decomposition, even when in their original packaging. The Self-Accelerating Decomposition Temperature (SADT) is the lowest temperature at which this can occur and is determined by the Heat Accumulation Storage Test. EverGreen Hybrid recommends a maximum storage temperature ($T_s \text{ max.}$) of 25°C for each organic peroxide product to minimize the loss of quality.

Storage Recommendations

To ensure product quality and safety, it's important to keep containers tightly closed and store them in a dry, well-ventilated area away from heat or ignition sources and direct sunlight. We recommend against weighing out the product in the storage room. Additionally, avoid contact with reducing agents (e.g. amines), acids, alkalis, and heavy metal compounds (e.g. accelerators, driers, and metal soaps).

Safety and Handling

Operators must wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling organic peroxides. Please refer to the Safety Data Sheet (SDS) for detailed information on safe storage, use, and handling. Reviewing this information before accepting the product is crucial to ensure safe handling. When stored under recommended conditions, EverGreen Hybrid products will remain within specifications for at least six months after delivery.

Important Notice Regarding Data Sheet Information

Please note that the information provided in this data sheet is given in good faith and free of charge, and is based on data that we believe to be reliable. While the data contained herein is based on extensive laboratory testing and experience, it is impossible to account for every eventuality. As such, it is the customer's responsibility to ensure that they use the product in a manner that is suitable for their intended purpose. GreenComposites.co.uk can only guarantee the quality of the product and cannot be held responsible for results obtained.

It should be noted that technical data is constantly being updated, and any new version supersedes the previous one, rendering it invalid. As such, it is the customer's responsibility to ensure that they have the latest TDS to ensure they have the correct information. Any liability for application errors falls entirely within the customer's scope of responsibility. Please refer to our full terms and conditions for the sale and supply of our materials for more information.