



HELLO FUTURE!

DISCOVERING THE FUTURE
OF GREEN ROOFING



TDS

 GREEN
COMPOSITES

EverGreen Hybrid Catalyst (High Reactivity MEKP)



Product Specifications:
Here are the specifications for
our product:

- Color
- Total Active Oxygen
- Viscosity at 20°C
- Density at 20°C
- Available Pack Sizes
- Clear
- 8.8 – 9%
- 24mPas
- 1.180 g/cm³
- 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

Benefits of Low Water Content
and Highly Consistent Cure
Rates in the 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.

Ensuring Thermal Stability of Organic Peroxides

Organic peroxides are highly unstable substances that are prone to self-accelerating decomposition. The Self-Accelerating Decomposition Temperature (SADT) is the minimum temperature at which a substance in its original packaging can undergo self-accelerating decomposition. To determine the SADT, the Heat Accumulation Storage Test is used.

The Heat Accumulation Storage Test is a recognized method for determining the SADT of organic peroxides. The test's results are then used to set a maximum storage temperature (T_s max.) for each organic peroxide product, which EverGreen Hybrid recommends to be 25°C to minimize quality loss.

It's important to note that due to the unstable nature of organic peroxides, a loss of quality can be detected over time. To prevent this, containers should be kept tightly closed and stored in a well-ventilated, dry area, away from sources of heat, ignition, and direct sunlight. Avoid weighing out in the storage room and contact with reducing agents, acids, alkalis, and heavy metal compounds.

Operators should handle organic peroxides with care and wear appropriate PPE, including gloves and eye protection at a minimum. Detailed information on safe storage, handling, and use can be found in the Safety Data Sheet (SDS), which should be reviewed before accepting this product.

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.