

## PRODUCT DATA SHEET

# Casco® Activator 22

### SOLVENT-BASED ADHESION PROMOTER FOR NON-POROUS SUBSTRATES

#### DESCRIPTION

Casco® Activator 22 is a solvent-based colorless clear adhesion promoter, which reacts with moisture and deposits active groups on the substrate. Casco® Activator 22 is designed for the treatment of bond faces prior to application of Casco® STP based adhesives and sealants.

#### USES

Casco® Activator 22 is used to improve adhesion on non-porous substrates such as metals, plastics, and painted surfaces.

#### CHARACTERISTICS / ADVANTAGES

- Enhanced adhesion on various non-porous substrates
- Short flash-off time
- Easy to use
- Transparent

#### PRODUCT INFORMATION

Composition	Solvent-based adhesion promoter
Packaging	250 ml bottle
Colour	Colorless, clear
Shelf life	12 months from the date of production, if it is stored in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage conditions	Stored in dry conditions, where it is protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Consumption	~20 ml / m <sup>2</sup>
Ambient air temperature	+5 °C to +40 °C, min. 3 °C above dew point temperature
Substrate temperature	+5 °C to +40 °C, min. 3 °C above dew point temperature
Flash-off time	Minimum 10 minutes (at 23 °C / 50 % r.h.) Maximum 2 hours (at 23 °C / 50 % r.h.)

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Casco® Activator 22 contains solvent which may dull the surface finish of some freshly applied paints. Preliminary trials must be carried out.
- Never apply to porous substrates since it may not dry completely and prevent the adhesive or sealant from curing.
- Protect adjacent surfaces by masking where necessary.
- If Casco® Activator 22 is accidentally splashed onto adjacent surfaces, wipe-off immediately with a clean, dry cloth.
- Casco® Activator 22 is a moisture reactive system. In order to maintain product quality it is important to reseal the container with the inner plastic liner immediately after use.
- Once the surface pre-treatment operation is completed the cap has to be screwed on.
- Prolonged exposure to atmospheric moisture will cause Casco® Activator 22 to become inactive.
- Immediately discard Casco® Activator 22 if it has become opaque instead of clear.
- Dispose of product approx. one month after opening if used frequently or after two months in case of infrequent use.
- Never dilute or mix Casco® Activator 22 with any other substances.
- It must not be used for tooling/smoothing of products or as cleaning agent.
- If used on transparent or translucent substrates such as float glass, plastics, etc., an adequate UV protection is mandatory.
- Seek manufacturer's advice and perform tests on original substrates before using Casco® Activator 22 on materials prone to stress cracking.
- Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

Surfaces must be clean, dry and free from grease, oil, dust and contaminants. Adhesion on substrates may be improved by adding and/or combining pre-treatment processes such as scuffing.

### APPLICATION METHOD / TOOLS

Wipe bond faces with a clean, lint-free paper towel moistened (not wet) with Casco® Activator 22. Never dip the towel into the activator. Only wipe the surface with a clean side of the towel. Do not moisten the same paper towel twice and change it frequently. Casco® Activator 22 has to be applied sparingly as excess of activator could lead to adhesion failure. If the pre-treated area is not bonded within the maximum flash-off time, the activation process has to be repeated (once only). Ideal application and surface temperature is between 15 °C and 25 °C. Consumption and method of application depends on the specific nature of the substrates. Tightly reseal container immediately after each use.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website

### PRODUCT DATA SHEET

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