CRA® 45 AMA®

Control Release Additives

CRA® 45 AMA® is an extremely efficient controlled release additive for adjusting the release force of solvent-free DEHESIVE ® systems.

Properties

- high release levels
- extremely stable release
- low level of silicone mist at high coating speeds
- good bulk bath life
- excellent thin-film bath life

Specific features

- Controlled Release Agent
- Solvent-free

Technical data

General Characteristics

Property	Condition	Value	Method
Density	25 °C	1.04 g/cm^3	-
Flash point	-	171 °C	ISO 2719
Ignition temperature (liquids)	-	> 400 °C	DIN 51794
Resin content	-	45 %	-
Viscosity, dynamic	25 °C	2000 mPa·s	-

These figures are only intended as a guide and should not be used in preparing specifications.

Applications

- Release Coatings

Application details

CRA® 45 AMA® can be processed together with nearly all solvent-free DEHESIVE® products. It is miscible with them in all proportions. Mixtures of CRA® 45 AMA® and DEHESIVE® are ideal for the production of release paper and PSA-laminates. Suitable substrates include glassine, clay-coated or PE-coated papers. Because of the high efficiency and stable release characteristics of CRA® 45 AMA® the
product is ideal for the production of double-sided release.

Processing
Batches of coating compound must be prepared in the
order given below.
1. First pour in CRA® 45 AMA®
2. Add DEHESIVE® polymer in several portions and stir slowly until the mixture is homogeneous.
3. Thoroughly stir in Crosslinker to this mixture
4. Slowly stir in catalyst.
Local over-concentrations must be avoided.
Additional information
To obtain exceptionally high release forces, CRA® 45 AMA® can also be processed without DEHESIVE®. In this case, the amounts of catalyst and crosslinker required for efficient curing may vary from DEHESIVE® containing formulations. However, we recommend the adjustment of specific formulations to optimize final coating properties for the intended use.

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label.
Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code CRA® 45 AMA®

For technical, quality or product safety questions, please contact:

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