

CRA[®] EM 460

Controlled Release Additive

CRA[®] EM 460 is an extremely efficient controlled release additive for adjusting the release force of silicone emulsion DEHESIVE[®] systems. It is used in combination with coating polymers such as DEHESIVE[®] EM 427 or DEHESIVE[®] EM 428 release coatings. The finished system is designed for pressure sensitive adhesive release applications and works on papers of varying porosity and on films. Cure is achieved using a vinyl addition chemistry mechanism.

Properties

- can achieve very high release levels
- very stable release
- vinyl functional to crosslink into coating matrix
- fast curing
- contains α -olefin for higher efficiency

Technical data

General Characteristics

Property	Condition	Value	Method
Density approx.	25 °C	approx. 1.0 g/cm ³	DIN 51757
Shelf Life (from date of manufacture)	-	12 month	-
Solid constituent	-	54 wt. %	-

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

When used with other compliant WACKER products, such as DEHESIVE® coatings and appropriate crosslinkers, CRA® EM 460 is suitable for indirect food contact use as indicated in 21CFR 175.105, 175.300, 176.170 and 176.180, provided the product is appropriately cured under observance of the limits for platinum.

Note that FDA sanctioning of above components does not imply that the finished products manufactured from component combination are approved or considered safe by the FDA. Responsibility for compliance to the FDA regulations resides with the manufacturer of the finished product.

Processing

Batches of coating compound are prepared according to WACKER's 3-Component Emulsion Processing Guide for Release Coatings.

Packaging and storage

Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis 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

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code CRA® EM 460



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

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