

TECHNICAL INFORMATION

RETARDER / INHIBITOR FOR COLD PLASTIC / COLD SPRAY PLASTIC



RETARDER / INHIBITOR FOR COLD PLASTIC / COLD SPRAY PLASTIC

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Important Information:

Please consider our General Terms and Conditions and the general notes of the Technical Information Sheet! No liability is accepted for any errors! The information is provided to our best knowledge and experience. This information is, however, no warranty for any properties of the material. We provide this information without obligation, also regarding the rights of third parties. The user has to make sure that the material is appropriate for the respective application.

1 Main characteristics / Fields of application

Retarder / Inhibitor for cold plastic / cold spray plastic...

- is used as an additive for retarding / extending reaction time / curing time of cold plastic and cold spray plastic (e.g. in summer with high material, air- and surface temperatures)
- applicable for cold plastic / cold spray plastic reactive component and non-reactive component

2 Technical Data

| | | | | | |
|--|--|------------------------------|---------------------|----------|-------------|
| Form of delivery | yellowish, transparent liquid | | | | |
| Smell | intensive | | | | |
| Density | approx. 0.948 kg/l +/- 0.1 kg/l | | | | |
| Added amount | max. 0.2 % based on material | | | | |
| Pot life and curing times of 2-comp. and 3-comp. cold plastic depends on temperatures and addition of retarder / inhibitor | Temp. (C°) | Hardener quantity (weight %) | Retarder (weight %) | Pot life | Curing time |
| | 25° | 2 | 0.1 | 13 | 27 |
| | 30° | 2 | 0.1 | 11 | 24 |
| | 30° | 2 | 0.2 | 19 | 28 |
| | 40° | 2 | 0.2 | 5 | 22 |
| 45° | 2 | 0.2 | 6 | 25 | |
| Storage stability | Protect from frost and direct sun light | | | | |
| Standard packaging | Cans with 2.5 / 5 / 10 and 25 l filling weight | | | | |
| Identification | The regulations and instructions concerning appropriate transport, handling, storage, first aid and measures, toxicology and ecology are stated in detail in our material safety data sheets! The instructions stated on the product label and in the MSDS must be followed. Attention: Retarder / Inhibitor for cold plastic / cold spray plastic must be strictly stored away from hardener (powder hardener). | | | | |

3 Processing instructions

Retarder / Inhibitor for cold plastic / cold spray plastic is an additive used to extend reactivity / curing time of cold plastic and cold spray plastic and to make the application of reactive systems easier at high temperatures from 25C° and above.

Attention: Retarder / Inhibitor for cold plastic / cold spray plastic must always be added into the base component before the hardener is added.

Retarder / Inhibitor for cold plastic / cold spray plastic can be stirred into reactive or non-reactive components. Normally max. 0.2 % (based on the cold plastic weight) are used (see spreadsheet above). Due to retarded reactivity — after adding Retarder / Inhibitor for cold plastic / cold spray plastic — yellowing of cold plastic / cold spray plastic may occur. Never exceed stated (see spreadsheet) retarder quantity, otherwise mechanical properties will be affected.