



SWARCO LIMBURGER LACKFABRIK GmbH

Road Marking Systems



## Retarder / Inhibitor for Coldplastic / KSP

TECHNICAL INFORMATION

SWARCO | First in Traffic Solutions.

**Retarder / Inhibitor for Coldplastic / KSP**

**SWARCO LIMBURGER LACKFABRIK GmbH**  
Road Marking Systems

# Retarder / Inhibitor for Coldplastic / KSP

Art.-No.: 8050

**Additive for reactive systems**

Version: 2015-01-29

## CONTENTS

<b>1</b>	<b>Main characteristics / Fields of application .....</b>	<b>3</b>
<b>2</b>	<b>Technical Data .....</b>	<b>3</b>
<b>3</b>	<b>Processing instructions.....</b>	<b>3</b>

## 1 Main characteristics / Fields of application

### Retarder / Inhibitor for Coldplastic / KSP...

- is used as an additive for retarding / extending reaction time / curing time of coldplastic and coldspray plastic (e.g. in summer with high material, air- and surface temperatures)
- applicable for coldplastic / coldspray 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	approx. 0.1 – 0.2 % based on material				
Pot life and curing times of 2-comp. and 3-comp. coldplastic 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. <b>Attention:</b> Retarder / Inhibitor for Coldplastic / KSP must be strictly stored away from hardener (powder hardener).				

## 3 Processing instructions

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

**Attention:** Retarder / Inhibitor for Coldplastic / KSP must always be added into the base component before the hardener is added.

Retarder / Inhibitor for Coldplastic / KSP can be stirred into reactive or non-reactive components. Normally 0.1 - 0.2 % (based on the coldplastic weight) are used (see spreadsheet above). Due to retarded reactivity — after adding Retarder / Inhibitor for Coldplastic / KSP — yellowing of coldplastic / coldspray plastic may occur. Never exceed stated (see spreadsheet) retarder quantity, otherwise mechanical properties will be affected.

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.