

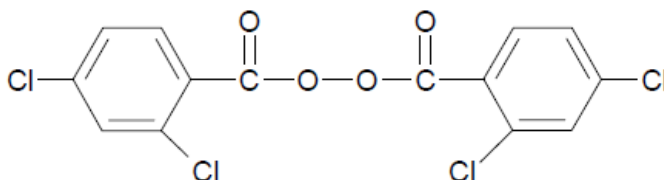
Product description	SH0000C is a monofunctional peroxide formulation which is mainly used for the crosslinking of silicone rubbers
Applications	SH0000C is mainly used for the crosslinking of silicone rubbers. With SH0000C silicone rubber compounds can be cured without external pressure (hot air and/or IR vulcanization). - SH0000C can easily be incorporated into a silicone rubber compound on a 2-roll mill. - Safe processing temperature: 65°C (rheometer ts2 > 20 minutes). - Typical crosslinking temperature: 90°C (rheometer t90 about 12 minutes). - To obtain a suitable degree of crosslinking in silicone polymers, the level of dosing is recommended to be 1.1-2.3 phr.

Typical Property Data

Typical properties	Prope	Unit	SH0000C
	Appearance	-	Off-white homogeneous paste
	Assay	%	49.0~51.0
	Water	%	Max. 1.5
	Specific gravity	-	1.18

Product Description

Di(2,4-dichlorobenzoyl) peroxide, paste 50% in silicone oil



Molecular weight : 380.0

Active oxygen content peroxide : 4.21%

actual product : 2.06 ~ 2.15 %

CAS No. : 133-14-2

EINECS/ELINCS No : 205-094-9

TSCA status : Listed on inventory

Composition	Carbon dioxide, 1,3-Dichlorobenzene, 2,4-Dichlorobenzoic acid, Traces of 2,2',4,4' tetrachlorobiphenyl
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How to use	SH0000C is mainly used for the crosslinking of silicone rubbers. - With SH0000C silicone rubber compounds can be cured without external pressure (hot air and/or IR vulcanization). - SH0000C can easily be incorporated into a silicone rubber compound on a 2-roll mill. - Safe processing temperature: 65°C (rheometer ts2 > 20 minutes). - Typical crosslinking temperature: 90°C (rheometer t90 about 12 minutes). - To obtain a suitable degree of crosslinking in silicone polymers, the level of dosing is recommended to be 1.1-2.3 phr.
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Storage and packaging	
Shelf life and storage	Due to the relatively unstable nature of organic peroxides a loss of quality can be detected over a period of time. To minimize the loss of quality, KCC recommends a maximum storage temperature (Ts max.) for each organic peroxide. For SH0000C Ts max. = 30°C When stored under these recommended storage conditions, SH0000C will remain within the KCC specifications for a period of at least six months after delivery.
Packaging	The standard packaging is a Nourypack for 20 kg peroxide paste. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your KCC. SH0000C is classified as Organic peroxide type D; solid, Division 5.2; UN 3106.
Remarks	
Handling Precautions	Keep containers tightly closed. Store and handle SH0000C in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Never weigh out in the storage room. Avoid contact with reducing agents(e.g.amines),acids, alkalines and heavy metal compounds(e.g.accelerators.driers and metal soaps). Please refer to the Material Safety Data Sheet(MSDS) for further information on the safe storage , use and handing for SH0000C. This information should be thoroughly reviewed prior to acceptance of this product
Warranty information	Please read carefully The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
1'st issue	2014-06-09
Revision	

※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

