

PRODUCT DATA SHEET

Sika Dust Seal-150

Dust controlling agent

DESCRIPTION

Sika Dust Seal-150 is an aqueous dispersion of a special organic polymer for dust controlling purposes.

USES

Sika Dust Seal-150 is a dust controlling agent to be sprayed on. The surface of the treated material is solidified and dust emissions dramatically reduced both in discontinuous surface crusting and continuous dust binding ("knock down") applications. Sika Dust Seal-150 is specifically designed to create a polymeric layer on bulk materials such as coal, coke, ores, sulphur, sludge, earth, sand, fertilizers, solid waste etc. in order to prevent dust losses and emissions in industrial warehouses and open storage areas, especially in windy and dry areas. Sika Dust Seal-150 can also be applied to open roads to reduce dust emissions

and to material being transported in open wagons (e.g. material transports over long distances).

FEATURES

Sika Dust Seal-150 penetrates and solidifies the surface of the treated material. Maximum efficiency is obtained after drying of the treated material, which usually takes 30 minutes to a few hours depending on weather conditions. Sika Dust Seal-150 combines the following:

- Based on biodegradable polymer
- Forms layer on surface
- Highly economical

Easy and homogeneous film coating formation using standard equipment

- Strong resistance of the film against wind erosion
- Eco assessment available
- Not dangerous / not hazardous for environment

PRODUCT INFORMATION

Composition	Aqueous dispersion of a special organic polymer
Packaging	IBC: 1000 kg
Appearance and colour	Liquid / dark brown
Shelf life	Minimum of 1 year shelf life in sealed containers. Mix before using after longer storage times.
Storage conditions	Protect against frost, strong sunlight and contamination. Utilise clean tanks and containers when delivered in bulk.
Density	1.19 g/cm ³ at +20°C
pH-Value	approx. 5
Total chloride ion content	< 0.10 %
Equivalent sodium oxide	< 0.5 %

PRODUCT DATA SHEET

Sika Dust Seal-150

September 2026, Version 01.01

021405112000000004

TECHNICAL INFORMATION

Specific advice

Sika Dust Seal-150 is very tolerant against various water qualities used for dilution. The dilution water should have a pH of 3 – 9, a total hardness (alkaline earth metals) of not more than 5 mol/m³ and a total alkalinity (as hydrogen carbonate) of not more than 7 mol/m³. Sea water can also be used. Depending on water quality used for dilution, the application equipment has to be made of corrosion resistant materials. In order to minimize foaming fill a new container from bottom to top when transferring from one container to another.

APPLICATION INFORMATION

Consumption

Initial dosage: 2-6 kg/m² of diluted product
Maintenance dosage: 1-4 kg/m² of diluted product
Sika Dust Seal-150 has to be sprayed diluted and homogeneously over the surface to coat. The dilution and dosage of diluted solution per square meter of surface to cover as well as the number of passes is based on the dust conditions and kind of surface. When the treated surface has been opened (e. g. by removal of material), the freshly exposed untreated surface must be treated in the same way to restore optimum dusting protection. Depending on the weather conditions, the treatment must be repeated after a certain time to restore optimum protection as necessary.

Yield

Dilution : 10 %
(Initial application can make use of higher dilution depending on dust conditions)

Dispensing

Product concentration and application rate (volume of diluted solution per m² of treated surface or m³ of treated material) can be varied within wide ranges e. g. to optimize the water consumption.

Equipment

Any type of spray equipment capable of spraying aqueous solutions is suitable.
High pressure spray nozzles can be used at least up to 70 bar.

Application condition

Frost:
If frozen and / or if precipitation has occurred, Sika Dust Seal-150 may be used after thawing slowly at room temperature followed by intensive re-mixing.
Heavy rain:
Do not use this method during heavy rainfall to avoid long drying times and product losses by erosion
Diluted product:
Due to the biodegradability of diluted product solutions, it is recommended to store these diluted solutions for a maximum period of 2 - 3 days and to use fresh solutions for every batch treatment.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Sika Danmark A/S
Hirsemarken 5
3520 Farum
Tlf. +45 48 18 85 85
www.sika.dk



PRODUCT DATA SHEET
Sika Dust Seal-150
September 2026, Version 01.01
021405112000000004

SikaDustSeal-150-en-DK-(09-2026)-1-1.pdf

