



Troysan® S61 Powder

Cost-effective, Solid, Broad-spectrum, Dry-Film preservative for various applications specifically for highly alkaline systems

Description	The product is a dry-film preservative that provides protection against fungal and algal growth on surfaces.										
Application/Use	<p>The product is useful for the protection of various systems for exterior applications such as paints, stuccos, roof coatings, adhesives, caulks, sealants, other industrial applications.</p> <p>It can also be mixed with dry powder products, such as grouts, mortars or powdered plasters to provide an adequate preservation; It is suited for waterborne systems; The product is particularly suitable for use in highly alkaline applications such as silicate systems or if the product is to be applied on alkaline surfaces as fresh concrete.</p> <p>The product is usually suitable for use under the following conditions: pHs between 3 - 13 Temperatures up to 180 °C</p>										
Highlights	<ul style="list-style-type: none"> ● Alkaline stable ● Temperature stable ● Free of Isothiazolinones ● Free of Diuron ● Free of VOC ● Cost effective 										
Physical Properties	<p>These properties are typical properties of the product. They are not product specifications.</p> <p>Appearance: White to brownish powder</p> <p>Melting point: > 100 °C</p> <p>Solubility: Nearly insoluble in water</p>										
Active Ingredient	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Carbendazim</td> <td style="text-align: right;">20 %</td> </tr> <tr> <td>Terbutryn</td> <td style="text-align: right;">20 %</td> </tr> </table>	Carbendazim	20 %	Terbutryn	20 %						
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Function/Activity	<p>Suggested Application Level</p> <p>Suggested use levels are based on laboratory and field evaluations and are typical for the applications indicated. The actual level required for your system is formulation specific. The selection of the individual components of the formulation, the substrate to be coated, and the environment in which the coating will be exposed all have an influence on the amount of protection needed. Suggested use levels are reported as percentage of the end-use product.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Exterior paints and coatings</td> <td style="text-align: right;">0.25 - 0.5 %</td> </tr> <tr> <td>Exterior stuccos</td> <td style="text-align: right;">0.15 - 0.3 %</td> </tr> <tr> <td>Roof coatings</td> <td style="text-align: right;">0.3 - 0.5 %</td> </tr> <tr> <td>Adhesives, caulks and sealants</td> <td style="text-align: right;">0.25 - 0.5 %</td> </tr> <tr> <td>Dry application (in use)</td> <td style="text-align: right;">0.25 - 0.5 %</td> </tr> </table> <p>According to EU regulations, product label is free of symbol up to the following use-level:0.12 % The risk phrase R52/53 is required between use-levels of 0.12% and 0.5%.</p> <p>Paints, coatings and stuccos: In hot, humid areas where the microorganisms are a particularly severe problem, the upper application levels are suggested.</p> <p>-</p> <p>Adhesives and sealants: The product can be used as an additive to prevent the growth of microorganisms in both, the wet stage and cured adhesives and sealant formulations.</p> <p>TROY's Microbiological Laboratory is available to provide additional assistance in determining the proper level of protection needed for your system.</p>	Exterior paints and coatings	0.25 - 0.5 %	Exterior stuccos	0.15 - 0.3 %	Roof coatings	0.3 - 0.5 %	Adhesives, caulks and sealants	0.25 - 0.5 %	Dry application (in use)	0.25 - 0.5 %
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Formulating Considerations	<p>General Formulation Notes</p> <p>The product should be added with good agitation or mixing and can be added at any stage of the production process. For best results and to achieve a homogeneous distribution it should be added preferably as early in the production process as possible.</p> <p>It is compatible with most water borne systems, as well as with dry end-use products.</p>										



Due to various possibilities of application and different methods of processing, it is advised to check compatibility in the development of new products.

For further assistance, please contact your TROY representative.

VOC content according to EU directive 1999/13/EC: 0 %
 VOC content according to EU directive 2004/42/EC (DecoPaint Directive): 0 %

Labeling, Transport, Handling, Storage, Health and Safety

For the most updated and complete information on classification, labeling and transport, as well as handling and storage, health and safety please refer to the most current Safety Data Sheet. Also observe all Federal, State, and Local regulations when storing or disposing of this substance. For information on country specific regulatory requirements, please contact your local TROY sales representative.

Do not contaminate water, food, or feed by storage or disposal.

Ideally stored between 5 - 40°C

Shelf Life: 24 Month after date of manufacture

Packaging

The product is packaged in:

Shipping Container	Net Weight
Fiber drum	25 kg

For further information
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Use biocides safely. Always read the label and product information before use.

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