



Smart solutions  
for high-performance  
coating applications

“The whole is greater than the sum of its parts.”

We at SONGWON believe in Aristotle's synergy concept and have applied it to our products. Our smart blends comprise different additives that maximize light and heat stability. Whether supplied in standard formulations or tailor-made for specific customers, our industry-proven smart additive blends, SONGSORB® and SONGNOX® CS B blends, greatly boost the efficiency of our individual additives. They work together in synergy, in exactly the same way as we at SONGWON work together with our customers.

It's all about **the chemistry™**

 **SONGWON**

# SONGWON has developed a range of high-performance smart blends of UVAs, HALS and AOs in various ratios for highly durable coating, adhesive and sealant applications.

SONGWON offers:



- World-class production facility & more than 50 years' manufacturing experience
- Dedicated coatings lab & continuous innovation
- Backward integration of key raw materials
- Global sales organization & distribution network
- Expert service & local support centers worldwide

Optimized additive packages and blends for coatings, adhesives and sealants can consist of several individual products.

Blends of antioxidants (AOs) and light stabilizers can provide positive synergistic effects and support manufacturers in streamlining their raw materials.

## Reliability & accuracy



Blends of liquid and solid additives help customers to optimize continuous and batch mixing processes. They improve dosing accuracy and process reliability while reducing quality-control and logistics costs.

## Customization



Blends of UV absorbers, light stabilizers and antioxidants can be tailored to meet customers' needs. Homogenous and highly accurate in composition, they are also easy to process and dose.

Product name	Chemical composition	Features	Solubility
<b>SONGSORB® CS B5050</b>	SONGSORB® CS B5050 is a viscous liquid blend of a 2-(2-hydroxy-phenyl)-benzotriazole UV absorber (UVA) and a basic hindered amine light stabilizer (HALS)	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Industrial</li> <li>- Wood</li> <li>- Solventborne</li> <li>- Waterborne</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &gt; 50</li> <li>n-Butyl acetate &gt; 50</li> <li>MIBK &gt; 50</li> <li>2-Butoxyethanol (butyl cellosolve) &gt; 50</li> <li>Solvesso 100 &gt; 50</li> <li>Solvesso 150 &gt; 50</li> <li>Distilled water &lt; 0.05</li> <li>Xylene &gt; 50</li> <li>Toluene &gt; 50</li> <li>n-Hexane &gt; 50</li> </ul>
<b>SONGSORB® CS B5151</b>	SONGSORB® CS B5151 is a viscous liquid blend of a hydrophilic 2-(2-hydroxy-phenyl)-benzotriazole UVA and a basic HALS	<ul style="list-style-type: none"> <li>- Industrial</li> <li>- Wood</li> <li>- Solventborne</li> <li>- Waterborne</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol 0.1</li> <li>n-Butyl acetate &gt; 50</li> <li>MIBK &gt; 50</li> <li>2-Butoxyethanol (butyl cellosolve) &gt; 50</li> <li>Solvesso 100 &gt; 50</li> <li>Solvesso 150 &gt; 50</li> <li>Distilled water &lt; 0.05</li> <li>Xylene &gt; 50</li> <li>Toluene &gt; 50</li> <li>n-Hexane &lt; 0.1</li> </ul>
<b>SONGSORB® CS B5248</b>	SONGSORB® CS B5248 is a viscous liquid blend of a triazine-based UVA with a basic HALS	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Industrial</li> <li>- Construction</li> <li>- Solventborne</li> <li>- Waterborne</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &gt; 50</li> <li>n-Butyl acetate &gt; 50</li> <li>MIBK &gt; 50</li> <li>2-Butoxyethanol (butyl cellosolve) &gt; 50</li> <li>Solvesso 100 &gt; 50</li> <li>Solvesso 150 &gt; 50</li> <li>Distilled water &lt; 0.05</li> <li>Xylene &gt; 50</li> <li>Toluene &gt; 50</li> <li>n-Hexane &gt; 50</li> </ul>
<b>SONGSORB® CS B5866</b>	SONGSORB® CS B5866* is a solid powder blend of a UVA and two HALS	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Industrial</li> <li>- Construction</li> <li>- Solventborne</li> <li>- Powder</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &lt; 0.05</li> <li>n-Butyl acetate 2.0</li> <li>MIBK 2.0</li> <li>2-Butoxyethanol (butyl cellosolve) &lt; 0.05</li> <li>Solvesso 100 &lt; 0.05</li> <li>Solvesso 150 &lt; 0.05</li> <li>Distilled water &lt; 0.05</li> <li>Xylene 5.0</li> <li>Toluene 8.0</li> <li>n-Hexane &lt; 0.05</li> </ul>
<b>SONGSORB® CS B5060</b>	SONGSORB® CS B5060 is a liquid viscous blend of a 2-(2-hydroxy-phenyl)-benzotriazole UVA and a non-basic HALS	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Industrial</li> <li>- Wood</li> <li>- Solventborne</li> <li>- Waterborne</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &gt; 50</li> <li>n-Butyl acetate &gt; 50</li> <li>MIBK &gt; 50</li> <li>2-Butoxyethanol (butyl cellosolve) &gt; 50</li> <li>Solvesso 100 &gt; 50</li> <li>Solvesso 150 &gt; 50</li> <li>Distilled water &lt; 0.05</li> <li>Xylene &gt; 50</li> <li>Toluene &gt; 50</li> <li>n-Hexane &gt; 50</li> </ul>
<b>SONGSORB® CS B5341</b>	SONGSORB® CS B5341 is a liquid, three-component stabilizer blend consisting of a triazine-based UVA, a 2-(2-hydroxy-phenyl)-benzotriazole UVA and a non-basic hindered amine light stabilizer (NOR-HALS)	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Solventborne</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &gt; 50</li> <li>n-Butyl acetate &gt; 50</li> <li>MIBK &gt; 50</li> <li>2-Butoxyethanol (butyl cellosolve) &gt; 50</li> <li>Solvesso 100 &gt; 50</li> <li>Solvesso 150 &gt; 50</li> <li>Distilled water &lt; 0.05</li> <li>Xylene &gt; 50</li> <li>Toluene &gt; 50</li> <li>n-Hexane &gt; 50</li> </ul>
<b>SONGNOX® CS 11B</b>	SONGNOX® CS 11B is a mixture of SONGNOX® CS 1680 (50%) and SONGNOX® CS 1010 (50%)	<ul style="list-style-type: none"> <li>- Construction</li> <li>- Solventborne</li> <li>- Powder</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &lt; 0.05</li> <li>n-Butyl acetate 12.0</li> <li>MIBK 8.0</li> <li>2-Butoxyethanol (butyl cellosolve) &lt; 0.05</li> <li>Solvesso 100 &lt; 0.05</li> <li>Solvesso 150 &lt; 0.05</li> <li>Distilled water &lt; 0.05</li> <li>Xylene 25.0</li> <li>Toluene 25.0</li> <li>n-Hexane &lt; 0.1</li> </ul>
<b>SONGNOX® CS 21B</b>	SONGNOX® CS 21B is a mixture of SONGNOX® CS 1680 (66.7%) and SONGNOX® CS 1010 (33.3%)	<ul style="list-style-type: none"> <li>- Stabilization of various binder systems</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &lt; 0.05</li> <li>n-Butyl acetate 10.0</li> <li>MIBK 6.0</li> <li>2-Butoxyethanol (butyl cellosolve) &lt; 0.05</li> <li>Solvesso 100 &lt; 0.05</li> <li>Solvesso 150 &lt; 0.05</li> <li>Distilled water &lt; 0.05</li> <li>Xylene 24.0</li> <li>Toluene 25.0</li> <li>n-Hexane &lt; 0.1</li> </ul>
<b>SONGNOX® CS 31B</b>	SONGNOX® CS 31B is a mixture of SONGNOX® CS 1680 (75%) and SONGNOX® CS 1010 (25%)	<ul style="list-style-type: none"> <li>- Stabilization of various binder systems</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &lt; 0.05</li> <li>n-Butyl acetate 5.0</li> <li>MIBK 5.0</li> <li>2-Butoxyethanol (butyl cellosolve) &lt; 0.05</li> <li>Solvesso 100 &lt; 0.05</li> <li>Solvesso 150 &lt; 0.05</li> <li>Distilled water &lt; 0.05</li> <li>Xylene 24.0</li> <li>Toluene 25.0</li> <li>n-Hexane 0.1</li> </ul>
<b>SONGNOX® CS 41B</b>	SONGNOX® CS 41B is a mixture of SONGNOX® CS 1680 (80%) and SONGNOX® CS 1010 (20%)	<ul style="list-style-type: none"> <li>- Stabilization of various binder systems</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &lt; 0.05</li> <li>n-Butyl acetate 5.0</li> <li>MIBK 5.0</li> <li>2-Butoxyethanol (butyl cellosolve) &lt; 0.05</li> <li>Solvesso 100 &lt; 0.05</li> <li>Solvesso 150 &lt; 0.05</li> <li>Distilled water &lt; 0.05</li> <li>Xylene 24.0</li> <li>Toluene 25.0</li> <li>n-Hexane 0.1</li> </ul>
<b>SONGNOX® CS 417B</b>	SONGNOX® CS 417B is a mixture of SONGNOX® CS 1680 (80%) and SONGNOX® CS 1076 (20%)	<ul style="list-style-type: none"> <li>- Powder coating</li> </ul>	<ul style="list-style-type: none"> <li>n-Butanol &lt; 0.05</li> <li>n-Butyl acetate 4.5</li> <li>MIBK 5.0</li> <li>2-butoxyethanol (butyl cellosolve) &lt; 0.05</li> <li>Solvesso 100 10.0</li> <li>Solvesso 150 8.0</li> <li>Distilled water &lt; 0.05</li> <li>Xylene 20.0</li> <li>Toluene 25.0</li> <li>n-Hexane 10.0</li> </ul>

\*Use of SONGSORB® CS B5866 may be restricted through valid US patent, EP patent and/or corresponding patents and patent applications in other countries.



For further information, please go to:

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