



# Struktol Company of America, LLC

201 E. Steels Corners Road • Stow, Ohio 44224-4921

FOR IMMEDIATE RELEASE

## **Struktol Company of America Highlights High-Performance Rubber Additive Solutions ZB 47 and ZB 49 for Reliable, Efficient Manufacturing**

*Engineered additive solutions offer exceptional rubber processing efficiency, adaptable performance, and long-term operational advantages*

[Struktol Company of America, LLC](#), a leading innovator in polymer additive technology, is proud to highlight its advanced processing aids [ZB 47 and ZB 49](#), engineered to meet the rigorous performance standards of modern rubber compounding and manufacturing environments. ZB 47 and ZB 49 are designed to optimize performance, flexibility, and reliability for processors seeking precise control and superior outcomes.

Both ZB 47 and ZB 49 are formulated as visually distinct pastilles, ZB 47 as white to off-white, and ZB 49 as beige to brown, ensuring accurate identification and straightforward dosing in any plant setting. ZB 47 features a dropping point of 105-119°C, enabling easy integration with common rubber processing parameters and supporting predictable mixing behaviors. ZB 49 offers a comparable softening point of 105-120°C, providing similar adaptability for a wide range of rubber blends. Both products exhibit long-term storage stability of at least two years and are supplied in convenient 55 lb. bags, facilitating both inventory management and consistent quality assurance.

Engineered as a formulated zinc soap, Struktol's ZB 47 is recommended at usage levels of 1.5-4 phr. ZB 47 functions as a physical peptizer and processing aid in natural rubber. This additive is designed to improve processability, delivering enhanced heat stability and robust resistance to reversion in high-temperature and demanding curing environments. ZB 47 also increases dynamic properties in natural rubber compounds with carbon black, mineral fillers or silane coupling agents. Manufacturers can further drive cost efficiency by partially replacing stearic acid in SBR and NBR, while still maintaining competitive tensile and elastic values. ZB 47's demonstrated improvement in tack for high natural rubber compounds means easier handling and superior green strength throughout manufacture.

Struktol's ZB 49 is a key addition to the high-performance additive family, recommended at levels of 1-5 phr. ZB 49 delivers significant processing enhancements in silica-filled rubber blends with or without silane coupling agents. Its effective synergy with silanes delivers measurably improved coupled properties for advanced end uses. Crucially, ZB 49 maintains stabilization during high-temperature vulcanization, reducing reversion and supporting demanding injection, transfer molding, and continuous vulcanization processes.

With ZB 47 and ZB 49, Struktol continues its commitment to delivering advanced additive solutions that promote process efficiency, consistent product quality, and maximum value for industrial rubber processors. These multi-purpose additives provide the flexibility, reliability, and safety profile today's manufacturers demand in a changing industry landscape.

To learn more about Struktol's ZB 47 and ZB 49 email [info@struktol.com](mailto:info@struktol.com), call 330-928-5188, or visit [www.struktol.com](http://www.struktol.com).

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Our Quality Management System has  
ISO 9001:2015 with Design Certification

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## **ABOUT STRUKTOL:**

Struktol Company of America, LLC is proudly part of the Schill+Seilacher group, with a global presence spanning over 100 countries. We specialize in manufacturing a comprehensive range of additives designed for use in natural and synthetic rubber, plastic, and WPC compounds. Struktol additives are meticulously crafted to enhance processability across all stages of production. At Struktol, we approach the rubber and plastic additives industry with an unwavering commitment to innovation. Our solutions promise increased productivity, superior part quality, and reduced overall costs. Moreover, our dedication to exceptional customer service sets the industry standard.

## **PRESS CONTACT:**

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