

**SIN RUBTECH® POLYMER BOUND
PREDISPERSED OBSH – 75G****Product Description**

Composition:	A proprietary polymer bound predispersed 75% p, p' Oxi - bis - (benzylsulphonyl) – hydrazide in a 25% elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	White Granules.
Density:	Approx. 1.19 g/cm ³ .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Decomposition Point: (of active OBSH)	~155 °C
Storage Stability:	At least 2 years under normal storage conditions away from heat sources.
Packing:	18 kg nett in sealed PE bag in a carton box.

Recommendations and Applications

OBSH-75G are suitable for all types of blown and expanded sponge / microcellular products. The active OBSH decomposes at ~ 155°C and liberates ~ 125ml/g of gas primarily nitrogen. The same activators used in ADC can lower decomposition temperatures of OBSH. OBSH does not discolour and its liberated gases do not affect the odour and taste of the finished product. OBSH can even be used with sodium bicarbonate for blown open cell sponges.

OBSH is not recommended for peroxide cures as sulphohydrazides can react with peroxides rendering parts of OBSH / peroxide ineffective.

OBSH is often used with ADC in continuous hot air curing ovens with multi-zonal temperatures so that OBSH can initiate blow at the lower temperature zones.

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Dosage

OBSH-75G because of its lower gas yield has to be dosed ~ 1.7 times more than ADC-75 for the same blow..

Handling Precautions

Most blowing agents in powder form require special handling. (See example, Bayer Manual For The Rubber Industry Item 9.2 Pages 503 – 504). Even with OBSH – 75G, it is prudent to store these in their original cartons in a cool dry place away from possible heat sources or possible contamination with acid or bases. Open cartons of blowing agents must be removed from grinding or welding work-in-progress. With powder form grades of blowing agent, a spark from grinding or welding can cause a serious explosion.

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