



INGREDIENT DISCLOSURE

R-Shield® expanded polystyrene insulation is a rigid cellular polystyrene foam product that is used in a wide range of insulation, packaging, construction, and geotechnical applications. This ingredient disclosure has been prepared to provide the full chemical composition of R-Shield insulation to meet chemical transparency requirements.

R-Shield insulation is manufactured from a wide range of expandable polystyrene raw materials sourced throughout North America. This disclosure includes known ingredients added to R-Shield insulation products at 0.1% or greater by weight. Not all ingredients listed will necessarily be contained in R-Shield insulation due to the wide range of raw material suppliers.

This disclosure has been prepared based on information provided by our expandable polystyrene raw material suppliers.

R-Shield Ingredient Disclosure R-Shield and R-Shield with Termite Resistance			
Ingredient	% by weight	CAS #	Comment
polystyrene	>92%	9003-53-6	polymer matrix
n-pentane	0-2%	109-66-0	blowing agent
iso-pentane	0-1%	78-78-4	blowing agent
cyclo-pentane	0-1%	287-92-3	blowing agent
benzene, ethenyl-,polymer with 1,3 butadiene, brominated	0-1%	1195978-93-8	polymeric flame retardant
brominated flame retardant	0-1%	NA ¹	proprietary flame retardant that is not hexabromocyclododecane.
flame retardant synergist	0-0.5%	NA ¹	
polymerization aids	0-0.5%	NA ¹	
surface additives	0-0.5%	NA ¹	
imidacloprid	0.0008%	105827-78-9	termite resistant additive ²

¹ This information is considered proprietary by our expandable polystyrene raw material suppliers.

² Contained in R-Shield insulation with termite resistance only.

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