



Our additives and ingredients enhance manufacturing processes and the performance of products.

Thomas Swan has developed a range of bonding agents for the rubber processing and polymer industries.

The Casabond™ range includes rubber bonding agents used in high performance metal-to-rubber and textile-to-rubber applications. Products include resorcinol/stearic acid blends for use by compounders, reactive isocyanates for use in solvent adhesives and phenolic condensates for use with RFLs.

User-friendly water-based additives

Single-dip for cord or textile

Excellent long-term and high temperature performance

RFL adhesion enhancement

Rubber-to-metal bonding and PVC-to-metal bonding achieved with our polyisocyanate based bonding agent range

Double-dip system for polyester stiff cord-to-rubber adhesion




Thomas Swan
Performance Chemicals

For additional information and pricing please contact:

Thomas Swan & Co. Ltd. UK

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Committed to Responsible Care

CASABOND™ Product Code	1200 PR0514	1201 PR0526	1202 PR0526	1203 PR0967	TX PR0328	TXE PR0434	E PR0339	E-LA PR0975
CHEMISTRY	Pre-dispersed resorcinol in a fatty acid matrix				Solution of Polymeric isocyanate		Aqueous solution of phenolic condensate	
PHYSICAL FORM	Red-brown, free-flowing flakes				Low viscosity liquid		Low viscosity liquid	
ACTIVITY	75% resorcinol	66% resorcinol	60% resorcinol	80% resorcinol	50% solids in xylene	50% solids in ethyl acetate	20% solids	20% solids
TYPICAL DISPERSION TEMPERATURE	90°C				n/a		n/a	
TYPICAL LOADING	3 to 4 phr				5 to 40 wt% in rubber adhesive		25-35 wt% in RFL	
					20 wt% in textile dipping		10% in RFL	
TYPICAL CURE TEMPERATURE	150°C to 165°C				n/a		230°C to 240°C	
SDS LABELLING								Not classified
STANDARD PACKAGING	25kg sacks with maximum 500kg per pallet				50kg drums with max 450kg per pallet		200kg drums with max 800kg per pallet	
RECOMMENDED SHELF-LIFE	24 months				12 months		12 months	
PRODUCT ADVANTAGES	Pre-dispersed resorcinol offers the rubber compounder enhanced handling and improved dispersion, together with reduced energy consumption, faster production and reduced fuming.				High-solids isocyanate solutions, offering excellent adhesion to a broad range of textiles, metals and elastomers.		Water-based, user-friendly RFL additives for enhanced bond-strength. May be used in a single or double-dip and as solutions, offer resistance to settling. E-LA is low ammonia variant.	

Thomas Swan Performance Chemicals is committed to sustainability and manufactures a broad range of additives, resins, and active pharmaceutical ingredients. These products enhance the processes used to manufacture tyres, synthetic rubber, leather, powder coatings, flexographic inks and household and personal care products, as well as improving performance in many of the applications where they are used.



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