Technical Data Sheet
Allcostrip

Introduction:

Catalytic solvent that shears the Si-O bond in the silicone molecule to break down silicone elastomer, rubber, resins as well as oils and greases so that they dissolve in the carrier. The residues can be rinsed away with water or iso-propanol to leave a silicone-free surface. Low solvency for non-silicones means it has little effect on most plastics, paint or powder coating though it will dissolve nylon and butyl. Does not corrode metals and may be used on glass. As the vapour pressure is low, it is not a VOC.

- Quickly dissolves cured silicone, oils and greases
- Leaves silicone-free surface
- Non VOC
- Chlorinated and fluorinated solvent free
- Negligible aromatic solvent content
- Environmentally responsible
- Low odour for operator comfort
- High flash point for safety
- Low density for ease of handling
- Rinses with water or solvent
- Safe on glass, metal and most plastic (except nylon and butyl)
- Safe on paint and powder coating (not nylon)
- Water free

Uses:

Digests cured silicone, oils, grease, elastomer, rubber

Allcostrip dissolves cured silicone and can be used to remove silicone from components, floors, surfaces, tools, moulds process equipment in engineering, construction, glazing and electronic industries. The areas of potential usefulness are so wide it is impossible to list them all.

Allcostrip is recommended for the removal of Allcosil Release Agent No. 2.

Typical Characteristics:

Product Description			
	Appearance	Clear, mobile liquid.	
	Colour	Brown. Can darken with age.	
	Odour	Aliphatic-hydrocarbon	
Properties			
	Property	**Unit**	**Value**
	Specific Gravity		0.82
	Dissolution time	Secs (how quickly it starts to work on a 2 pack silicone rubber)	20

Application/ How to Use:

Water stops the catalytic action so all surfaces and areas being treated must be dry. Most solvents and detergents and many other chemicals also deactivate the system so make sure everything is free from contamination. Do not store in an open container. Enough water can be absorbed from the atmosphere to stop the product working.

As the number of applications is so numerous it is only possible to give general guidelines as to how to use the product. Please contact us with details of your process if you would like more specific application details.

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Best results will be achieved by immersion of the equipment to be cleaned in a tank of **Allcostrip**. Slow movement of the liquid with a pump or impeller will increase the speed of action fourfold. It is important that the tank is fitted with a lid to keep out atmospheric moisture. Leave until all silicone is dissolved. The time required will depend on the thickness of the silicone and its degree of cross-linking but **Allcostrip** will most likely loosen and de-bond cured silicone residues in 30 minutes to 1 hour. Repeated brush applications can be used if immersion is not possible. After treatment, rinse well with water or solvent to achieve a silicone-free surface. Rinsing with iso-propanol and then water gives best results.

One litre of **Allcostrip** will dissolve up to 140 grams of silicone.

NB. Raising the temperature to 50 °C will dramatically speed up the process especially with high cross-linked or other difficult silicones.

Shelf life

When stored in the original unopened containers, this product has a usable life of 24 months from the date of production.

Packaging

This product is available in 5, 20 and 200kg drums.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.

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