J.M. LUAN, S.L.
Barrio la Sota s/n
ES48190 SOPUERTA (VIZCAYA)
SPAIN

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TECHNICAL INFORMATION

JENETACK-41N

JENETACK-41N is a heat-reactive adhesive (the JENETACK-31V primer is applied beforehand) for use as an adhesive to bond NR, SBR, BR, CR, NBR and HNBR to metals such as steel and aluminium, and to textile fibres, through a vulcanisation process.

TYPICAL PHYSICAL PROPERTIES:

TEST TYPE	STANDARD VALUE	VALUE	UNIT
Density	25°C	1.03±0.03	g/cm³
Viscosity	Brookfield 25°C 60 rpm	900±100	cps
Solids Content	25	25±1	%
Colour	Visual	Black	----

CHEMICAL COMPOSITION:

Polymers and resins stabilised in a dispersion of aromatic solvents.

SURFACE PREPARATION:

Prepare the surface by cleaning and completely removing oil, grease or dirt.

We recommend shot-blasting the surface with steel shot so that the surface roughness is greater than 15 µm.

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For aluminium surfaces we recommend using aluminium oxide as the abrasive.

Then clean the surface again, removing any sanding dust residue from the shot-blasting operation.

If, due to technical specifications, the part cannot undergo dimensional changes, phosphating, zinc-plating, bichromating or KTL processes may be used before applying the adhesive.

APPLICATION OF THE ADHESIVE:

- Stirring: We recommend stirring the adhesive vigorously before application to ensure that no sedimentation is present.
- Dilution: Product dilution depends on the application methods. We recommend that dilution is always carried out with xylene or toluene.
- Dipping: For this application we recommend diluting between 20 and 50% v/v.
- Brush: For this application we recommend diluting between 20 and 50% v/v.
- Spray: For this application we recommend diluting between 50 and 100% v/v.
- Application and Layer Thickness: The film obtained from the application is thin and green in colour, and the layer should be between 15 and 25 µm.
- Drying: Dry the film for 30 to 60 minutes at room temperature. If it is necessary to reduce the drying time, we recommend using a warm air stream for 4 minutes at a maximum of 50°C. Do not use temperatures above 75°C at this stage of the process, in order to avoid pre-vulcanisation of the adhesive.

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After this process, follow the elastomer vulcanisation instructions.

STORAGE:

Keep the container properly closed during storage and always keep it away from heat sources. The maximum storage temperature must not exceed 25°C.

Storage temperatures below 10°C increase the product's shelf life.

TOXICITY:

- Breathing vapours for a prolonged period is harmful to health.
- Use JENETACK-41N only with face protection, gloves and in a well-ventilated area.
- Continuous contact with the skin may cause irritation.
- JENETACK-41N adhesive may be fatal if swallowed. If swallowed, do not induce vomiting; call medical services immediately.

PACKAGING:

Container sizes: 0.75 - 2.5 - 5 - 25 and 200 L.

J.M. LUAN, S.L. accepts no responsibility for misuse of this product.