

903 Plate Baking Gum

Thermal Gum for Plate Baking

Technical Data Sheet

DESCRIPTION

903 Plate Baking Gum is an offset printing aluminium protecting gum formulated with a blend of stable synthetic gums, suitable for use on all types of positive and negative printing plates. It protects the image areas and non-image areas of the aluminium plates against oxidation during the baking process.

DIRECTIONS FOR USE:

Maximum 1 part of 903 Plate Baking Gum concentrate with 1 part of water (clean with neutral pH) is mixed to suit the printing plate used. Apply the Gum with a clean sponge and then dry the plate. The product can be used in a developing machine. The plate needs to be baked following the temperature instructions of the manufacturer. Baking temperature is best at <250°C. After the plate cools down, it can be used for printing without further treatment. For longer storage, the gum should be removed and the plate/s should be preserved with normal gum. The same procedure is also used for CTP plates.

FEATURES AND BENEFITS:

- Is stable under high temperature (up to 250°C).
- Spreads evenly over printing plate and leaves no gum streaks.
- After baking process maintains water receptivity.

SPECIFICATIONS:

Appearance: Clear to yellowish solution.

Boiling Range: > 100°C

Specific Gravity: 1.045 - 1.055 g/ml @ 25°C

Volatile contents: Approximately 90% w/w

pH: 6.5 - 7.0

Solubility in water: Soluble in all ratios.

Viscosity: < 55 cps @ 25°C

HMIS® RATING										
PRODUCT NAME: ECONOGUM		PRODUCT CODE: 905								
	HEALTH • MAY CAUSE MILD EYE IRRITATION. • PROLONGED SKIN CONTACT MAY CAUSE IRRITATION.	1								
	FLAMMABILITY • NON-FLAMMABLE WATER-BASED LIQUID. • NO FLASH POINT UNDER NORMAL CONDITIONS.	0								
	PHYSICAL HAZARD • STABLE UNDER NORMAL CONDITIONS. • AVOID FREEZING AND EXCESSIVE HEAT.	0								
	PERSONAL PROTECTION • SAFETY GLASSES • CHEMICAL RESISTANT GLOVES	B								
<table><tr><th>RATING SCALE</th><th>PERSONAL PROTECTION INDEX</th></tr><tr><td>4 = SEVERE HAZARD</td><td rowspan="6"></td></tr><tr><td>3 = SERIOUS HAZARD</td></tr><tr><td>2 = MODERATE HAZARD</td></tr><tr><td>1 = SLIGHT HAZARD</td></tr><tr><td>0 = MINIMAL HAZARD</td></tr></table>			RATING SCALE	PERSONAL PROTECTION INDEX	4 = SEVERE HAZARD		3 = SERIOUS HAZARD	2 = MODERATE HAZARD	1 = SLIGHT HAZARD	0 = MINIMAL HAZARD
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PACKING

5 Ltrs x 4