

Technical Data Sheet

901 Gum Arabic Solution

Natural Plate Protection Gum

DESCRIPTION

901 Gum Arabic Gum is formulated to protect the non-image area of the offset printing aluminium plate against oxidation during short- or long-term storage. The product is suitable for all pre-press and on-the-press gumming application on offset paper and board printing applications. This product is produced using natural gum arabic.

DIRECTIONS FOR USE:

Use directly from container, using a clean sponge to apply. Dilution ratio of up to 1:2 with water is possible depending on preference.

FEATURES AND BENEFITS:

- Suitable for all types of plates.
- Will not cause blinding on printing.
- Washes off easily.
- Application is easy.
- Does not cause damage to the image.
- Visible film on plate.
- Non-toxic, non-hazardous, non-flammable and completely safe to use.

SPECIFICATIONS:

Appearance: Clear brown solution.

Boiling Range: > 100°C

Specific Gravity: 1.110 - 1.120 g/ml @ 25°C

Volatile contents: Approximately 72% w/w

pH: 3.00 - 4.00

Solubility in water: Soluble in all ratios.

Viscosity: 65 - 75 cps @ 25°C.

HMIS RATING

HEALTH	0
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

PACKING

5 Ltrs x 4

HMIS® RATING																																
PRODUCT NAME: GUM ARABIC SOLUTION	PRODUCT CODE: 901																															
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 colspan="5">RATING SCALE</th><th colspan="11">PERSONAL PROTECTION INDEX</th></tr><tr><td>4 = SEVERE HAZARD</td><td>3 = SERIOUS HAZARD</td><td>2 = MODERATE HAZARD</td><td>1 = SLIGHT HAZARD</td><td>0 = MINIMAL HAZARD</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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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Consult MSDS Section 8 for appropriate PPE selection.																																
HMIS® IS A REGISTERED TRADE AND SERVICE MARK OF THE NIPCA.																																

