



## MATERIAL SAFETY DATA SHEET

# Gum Arabic 5.5

February 2007

### I. IDENTIFICATION

Trade Name: Gum Arabic 5.5  
Supplier: NuPro Technologies, Inc.  
1531-B Westbrook Plaza Drive  
Winston-Salem, NC 27103  
PH: 336-768-6070 FX: 336-659-0017

EMERGENCY: CHEM-TEL 813-979-0626

Type of use: Used to desensitize printing plates, as well as to protect the surface of metal plates from oxidation.

### II. COMPOSITION AND INFORMATION ON INGREDIENTS

The specific chemical identity is a trade secret and is therefore not being disclosed in the msds. The msds includes health hazard information for these compounds. Potential hazard information is not being withheld. The specific chemical identity will be provided upon request by a physician or other health-related personnel.

OSHA hazard(s): Eye irritant.

### III. HAZARDS IDENTIFICATION

Hazard ratings: HMIS: Health = 1, Flammability = 0, Reactivity = 0  
(0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe)

Eyes: Causes irritation, redness and tearing.  
Skin: Prolonged or repeated contact may cause irritation.  
Inhalation: No hazard in normal use.  
Ingestion: May cause nausea.

### IV. FIRST-AID MEASURES

Eyes: Flush with clean, lukewarm water (low pressure) lifting eyelids.  
Skin: Wash area with soap and water. Wash contaminated clothing before reuse.  
Inhalation: Remove to fresh air. Seek medical attention.  
Ingestion: If patient is fully conscience drink 2 glasses of water. INDUCE vomiting. Seek medical attention.

V. FIRE-FIGHTING MEASURES

Extinguishing: CO<sub>2</sub>, foam, dry chemical.

Fire fighting procedures:

Keep personnel removed and upwind of fire. Wear self contained breathing apparatus. Wear full protective equipment.

VI. SPILLAGE, ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use appropriate personal protective equipment.

Spills/Leaks: Soak up with sawdust, sand, oil dry, or other absorbent material.

VII. HANDLING AND STORAGE

Handling: Keep containers tightly sealed in an upright position..

Storage: Store in cool dry place out of direct sunlight.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection:

None for normal use.

Ventilation (mechanical):

Mechanical (general).

Protective gloves:

Rubber or Nitrile.

Eye protection:

Chemical goggles.

Work/Hygienic practices:

Practice good personal hygiene. Wash after handling. Avoid contact with eyes.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid  
Boiling point: 212F / 100C  
Color: Light brownish gold.  
Evaporation rate: Not determined  
Flash Point: >212F / >100C (TCC)  
Percent volatile by volume: 80%  
Solubility in water: 100%  
Specific Gravity: 1.062 @ 68F / 65C  
Vapor density: Not determined  
Vapor pressure: Not determined

X. STABILITY AND REACTIVITY

Stability: Stable

Polymerization: Will not occur.

Conditions to avoid:

Sparks, heat, open flame.

Materials to avoid:

Strong acids, bases and oxidizing agents.

Hazardous decomposition or by-products:

Not determined.

XI. TOXICOLOGICAL INFORMATION

Refer to section III for available information on potential health effects.

XII. ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section VI for information regarding accidental releases and Section XV for regulatory reporting information.

XIII. DISPOSAL CONSIDERATIONS

Used product must be disposed of in accordance with national and local regulations.

XIV. TRANSPORTATION

IATA/ICATO not regulated

DOT: not regulated

XV. REGULATORY INFORMATION

TSCA: listed

NDSL: listed

DSL: not listed

XVI. OTHER INFORMATION

The information and recommendation set forth herein are presented in good faith and believed to be correct and reliable. NuPro Technologies, Inc. makes no representation so as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.