

TRADE NAME: Offset Gum Solution

DATE: April 1998
(REVISED)

I. PRODUCT IDENTIFICATION

Name/Synonym: Aluminum Plate Preservative Part Number: 200-972-4A

Manufactured/Distributed by: MULTIGRAPHICS
431 Lakeview Ct.
Mt. Prospect, Illinois 60056

Emergency Phone - Day - (847) 375-5956
Night - Chemtrec (800) 424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only
(ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

| Chemical Name | CAS# | OSHA PEL | ACGIH, NIOSH TLV, EXPOSURE LIMITS | | NTP, IARC OSHA CARCINOGEN | WT % |
|--|------------|-------------|---|------|---------------------------------|-------|
| | | | TWA | STEL | | |
| *Gum Arabic | 9000-01-5 | N/E | N/E | N/E | No | 10-15 |
| *Potassium Sorbate | 24634-61-5 | N/E | N/E | N/E | No | 1-2 |
| *water | 7732-18-5 | N/E | N/E | N/E | No | 82-89 |
| * non-hazardous as defined by 29CFR 1910.1200. | | | | | | |

III. PHYSICAL PROPERTIES

Boiling Point (oF): 212°F
Vapor Pressure (mmHg): N/E
Vapor Density (Air=1): N/E
Solubility in Water: 100%
Appearance/Odor: Light Amber Liquid
No Odor

Specific Gravity (H2O=1): 1.05
Melting Point: N/E
Evaporation Rate: Slower than
(butyl acetate=1): Water
pH: 3.7

IV. FIRE AND EXPLOSION HAZARD

Flash Point: None Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Non-flammable, water solution.
Special Fire Fighting Procedure: None
Unusual Fire/Explosion Hazards: None

N/A = Not Applicable
N/E = Not Established

Stability: Stable Conditions to Avoid: None
Incompatibility, Materials to Avoid: None
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur.

Wipe up with absorbent material. Refer to local regulation for permissible pH level for disposal.

Eye: Flush with water.
Skin: Wash with soap and water.
Inhalation: N/A
Ingestion: Induce vomiting. Consult physician.

Respiration Protection: Not required.
Ventilation - Local Exhaust: N/A Other: N/A
Protective Gloves: Not required Eye Protection: Safety Glasses
Other Protection: None

Handling and Storage: Avoid freezing.
Other: Read and follow label directions. Do not reuse container.
For Commercial use only. Keep from reach of children.

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)
None
Reportable Quantity (40 CFR 355: SARA Sec. 302)
None
Hazardous Substance (40 CFR 302: CERCLA Table 302.4)
None
RCRA Waste Number
None
Volatile Organic Compounds
None
SARA Hazard Class
Acute: no Chronic: no Fire: no Pressure: no Reactivity: no

NFPA Hazard Rating
Health: 1 Flammability: 0 Reactivity: 0 Specific Hazard: N/A

XI. DOT SHIPPING INFORMATION

| | |
|---------------------------|-----------------------|
| Surface: Not Regulated | Air: Not Regulated |
| Proper Shipping Name: N/E | |
| UN N/E Class: N/E | Labels: None Required |

NOTE:

The chemicals in this product are listed on the TSCA inventory.

XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. Multigraphics believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of Multigraphics, it is the obligation of the user to determine the conditions for safe use.