

MATERIAL SAFETY DATA SHEET

=====I. PRODUCT INFORMATION=====

Trade Name: No. 325 Pure Gum Arabic
Chemical names, common names: Complex water based solution.
Manufacturer's Name: HURST GRAPHICS, INC.
Address: 2500 San Fernando Road, Los Angeles, CA 90065
Business/Emergency Phone Number: (213) 223-4121
MSDS Coordinator: CJ Nelson

=====II. HAZARDOUS INGREDIENTS=====

Exposure Limits in Air
Chemical Names CAS Numbers ACGIH (TWA) CAL-OSHA (PEL)

Contains no hazardous ingredients

=====III. PHYSICAL PROPERTIES=====

Vapor density (air = 1): < 1 Specific Gravity: 1.1
Solubility in water: 100% Vapor Pressure mmHg at 20^o C: n/a
Evaporation rate (Water = 1): n/a Boiling Point, ^oF: 212
Appearance and odor: Pale amber thick liquid with slight pungent odor
Volatile Organic Content (VOC): -0- gm/l

=====IV. FIRE AND EXPLOSION=====

Flash Point, ^oF: none Autoignition temperature ^oF: none
Flammable limits in air, volume %: lower none upper none
Fire extinguishing materials: n/a water spray n/a carbon dioxide
n/a foam n/a dry chemical n/a other
Special firefighting procedures: n/a
Unusual fire and explosion hazards: n/a

=====V. HEALTH HAZARD INFORMATION=====

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Possible irritation of nose and throat.
Contact with skin or eyes: Irritation of eyes and skin possible.
Absorbed through skin: Possible skin irritant.
Swallowed: Nausea

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of eyes, skin and mucous membranes.
Chronic: n/a

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water.
Skin contact: Wash promptly with soap and water.
Inhaled: Remove from exposure to fresh air, apply artificial respiration if necessary.
Swallowed: Seek medical advice. DO NOT give counteragents or induce vomiting.

=====V. HEALTH HAZARD INFORMATION(CONT)=====

SUSPECTED CANCER AGENT? - This product contains no ingredients which are listed in the Federal OSHA, NTP, IARC, or CAL-OSHA lists of suspected carcinogenic chemicals.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE - n/a

RECOMMENDATIONS TO PHYSICIAN - n/a

=====VI. REACTIVITY DATA=====

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong oxidizers.

Hazardous decomposition products (including combustion products):

Carbon dioxide and carbon monoxide gases.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

=====VII. SPILL, LEAK AND DISPOSAL PROCEDURES=====

Spill response procedures: Contain spills for salvage or disposal. Minimize dilution water to control spill volume. Avoid run-off into sewers and ditches.

Preparing wastes for disposal: Consult federal, state, and local regulations controlling proper disposal of biodegradable cleaning solutions.

=====VIII. SPECIAL HANDLING INFORMATION=====

Ventilation and engineering controls: Normal shop ventilation is adequate. Floor level ventilation is preferred.

Respiratory Protection: In working atmosphere where mist is prevalent, use NIOSH-approved air-purifying respirator with mist filter.

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with rubber gloves.

Other clothing and equipment: Remove non-impervious clothing that becomes wet to prevent irritation source.

Work practices, hygienic practices: Practice personal cleanliness by prompt removal of liquid in contact with skin. Train all employees on special handling procedures prior to working with this product.

Other handling and storage requirements: Store in original containers in a cool location, safe from physical damage, with containers tightly closed. DO NOT reuse containers.

DATE PREPARED: November, 1988

PREPARED BY: A. Korin/W. Logan