

I. PRODUCT IDENTIFICATION

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033 Emergency phone: (323) 264-2200	HMIS HAZARD IDENTIFICATION								
	<table border="1"> <tr><td>Health</td><td>2</td></tr> <tr><td>Flammability</td><td>1</td></tr> <tr><td>Reactivity</td><td>2</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	2	Flammability	1	Reactivity	2	Personal Protection	B
Health	2								
Flammability	1								
Reactivity	2								
Personal Protection	B								
Product Class: Diluent for UV Cure Inks	Manufacturer's code: UV12413								
Trade Name: UNI-SCREEN REDUCER									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Neopentylglycol propoxylated diacrylate	84170-74-1	60- 100	H315, H319	
H315: Causes skin irritation H319: Causes serious eye irritation				

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: Avoid inhalation. Inhalation of mist or vapor may cause respiratory tract irritation. Acute overexposure may result in irritation of the throat and lungs.
Skin Contact: Avoid skin contact. May cause skin injury Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. This condition may make the skin more susceptible to other irritants, sensitizers, and disease. Individuals with pre-existing skin disorders can be at greater risk.
Eye Contact: Avoid eye contact. This product may be irritating to the eyes upon direct contact. Exposure to high concentrations of vapors may be irritating to the eyes.
Ingestion: Do not ingest.. See <i>Notes to Physician</i> section below.

IV. FIRST AID PROCEDURES

Emergency & First Aid Procedures
Eyes: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes, lifting upper and lower lids. Remove contact lenses if present and easy to do. Seek immediate medical attention.
Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention. Avoid contact with UV – and sunlight.
Inhalation: Remove victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek immediate medical attention.
Ingestion: Do not induce vomiting. Rinse out mouth and then drink plenty of water. Seek immediate medical attention.

Notes to Physician: Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage, and may be fatal. Signs of lung involvement include increased respiration rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting, with risk of aspiration.

V. FIRE AND EXPLOSION DATA

Flash Point °F: 327 °F (162 °C) Pensky Marten		Auto-ignition Temperature °F: Product does not present an explosion hazard.
Flammable Limits in Air (% Volume)	Lower Limit: No Data	Upper Limit: No Data
<p>Extinguishing Media: Use water fog, foam, CO₂, or dry chemical extinguishing media. Fight larger fires with water spray or alcohol resistant foam. Do Not use full jet spray.</p> <p>Special Fire Fighting Procedures: Remove all sources of ignition. Water may be used to cool containers exposed to heat or flame. Fire- fighters wear full protective suit and self- contained breathing apparatus.</p> <p>Unusual Fire & Explosion Hazard: Dense smoke may be generated while burning; carbon dioxide, carbon monoxide, and other oxides may be generated as products of combustion.</p>		

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Ensure adequate ventilation. Keep people at a distance and stay upwind. Absorb with inert material such as vermiculite, sand, sawdust or universal binders. Scrape up with trowel or scoop and place in a suitable container. Clean up with a suitable solvent. Do Not allow to enter waterways, sewers or drains.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep away from, sunlight, UV light, open flame heat, all ignition sources. Do Not expose to temperatures above 104 °F (40° C). Keep containers closed when not in use. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Consumption of food and beverages should be avoided in work areas. Always wash hands and face with soap and water before eating, drinking, and smoking.

Other Precautions: For industrial use only. Do not ingest. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specific exposure or flammable limits.
Personal Protective Equipment
Respirator: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.
Skin: Impervious protective clothing and nitrile gloves are recommended.
Eye: Eye protection is required under conditions of normal use. Wear plastic face shield or splash-proof safety glasses and goggles. Eyewash stations are recommended.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: No Data	Vapor Density (Air = 1): No Data
Relative Density (H₂O = 1): 1.01	Vapor Pressure (mm Hg @ 68°F): No Data
Material Density Lbs./Gal: 8.41	Solubility in Water: Insoluble
% Volatile Organic Compounds (VOC) by Weight: 0.5	Viscosity Dynamic (77F): 10 – 30 mPas
VOC: lbs/gal: .004 g/L: 5.05	Appearance/Odor: Yellow tint, Ester – like fluid

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Polymerization occurs when
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	exposed to white light, sunlight, ultra violet light or heat.
Hazardous Polymerization: Will not occur is used and stored according to specifications.	Materials to avoid: Avoid contact with radical forming initiators, peroxides, strong alkalis or reactive metals to prevent exothermic polymerization.
Hazardous Decomposition Products: No dangerous decomposition products known.	

XI. TOXICOLOGICAL INFORMATION

CARCINOGEN: This product has not been identified as a carcinogen by OSHA or the National Toxicology Program (NTP), or the International Agency for Research Cancer (IARC).

Mutagen: No Data

Teratogen: No Data

Reproductive Toxicity: No Data

Neopentylglycol
propoxylated diacrylate 84170-74-1

Oral LD50 (rat) > 5000 mg/ kg literature

Primary Irritant effect:

Skin: No irritant effect

Eyes: No irritating effect

Sensitization: No sensitizing effects known.

XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time. Do not allow undiluted product or large quantities of product to reach ground water, watercourse or sewage system.

XIII. DISPOSAL INFORMATION

Waste Disposal Method: Material may be incinerated or land filled at a licensed facility in accordance with local, state, and federal regulations.

XIV. TRANSPORT INFORMATION

Flammability Classification:

OSHA: Class III B

DOT: Not Regulated

XV. REGULATORY INFORMATION

SARA Title III Section 313:

This material does Not contain chemicals subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.

TSCA Section 12(b) Inventory Status:

All component(s) of this product are either exempt or listed on the TSCA Inventory.

Clean Air Act - Hazardous Air Pollutants (HAP):

This product does not contain any HAP, as defined by the U.S. Clean Air Act Section 112 (40 CFR 61)

Canada : DSL (Canadian Domestic Substances List):

All components of this product are either exempt or listed on the DSL.

U.S. State Regulations

California Proposition 65:

This product contains a chemical(s) known by the state of California to cause cancer and/or reproductive harm.

<u>Chemical</u>	<u>CAS#</u>	<u>%</u>
Toluene	108-88-3	Trace amounts

XVI. OTHER INFORMATION

The information herein is presented in good faith, based on the data available to us and is believed to be correct as of the date hereof. However, Gans Ink and Supply Co., Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Gans Ink and Supply Co., Inc. assumes no responsibility for any damages of any nature directly or indirectly resulting from the use of or reliance upon the information contained herein. Users must make their own determination as to the suitability of the product for their purpose prior to use. In accordance with good practices of personal cleanliness and hygiene, handle with due care and avoid unnecessary contact with this product.

B

Safety Glasses
Gloves

