

PRODUCT NAME: SPG HALFTONE SILICONE FREE  
PRODUCT CODE: SPG-8040HMIS CODES: H F R P  
2 1 1 H

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: CUDNER & O'CONNOR CO.  
ADDRESS : 4035 W. Kinzie Street  
CITY/STATE : CHICAGO, IL  
ZIPCODE : 60624  
EMERGENCY PHONE : (800) 535-5053      DATE PRINTED : 05/04/04  
INFORMATION PHONE : (773) 826-0200      NAME OF PREPARER : Cudner & O'Connor

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
ACRYLATED EXPOXY	TRADE SECRET.1	20C	15-20
OSHA: PEL N/E, ACGIH: TLV N/E			
1,6, HEXANEDIOL, DIACRYLATE	13048-33-40.001	77F	10-15
OSHA: PEL N/E, ACGIH: TLV N/E			
TRIMETHYLOLPROPANE TRIACRYLATE	015625-89-5<0.0120C	10-15	
OSHA: PEL N/E, ACGIH: TLV N/E			
BENZIL DIMETHYLKETAL	24650-42-88.5	20C	05-10
OSHA: PEL N/E, ACGIH: TLV N/E			
1-ETHYL, 2-PYRROLIDONE	88-12-0	.10    24C	05-10
OSHA: PEL 0.1 PPM (VAPOR)			
ISODECYL ACRYLATE	1330-61-6	N/A    N/A	05-10
OSHA: PEL N/E, ACGIH: TLV N/E			
2-HYDROXYETHYL METHACRYLATE MIXTURE	868-77-9	.01    25C	00-05
OSHA: PEL 5mg/M3 ACGIH: TLV 5mg/M3			
*! ETHYLENE GLYCOL	107-21-1	.1    68F	2.40
OSHA: PEL 50ppm, ACGIH: TLV 50ppm			

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

\*\*SNUR (40 CFR/721.8350) Indicates chemical(s) MAY BE TOXIC TO AQUATIC ORGANISMS  
WARNING: DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN THIS PRODUCT.

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 96C - 390F      SPECIFIC GRAVITY (H2O=1): 1.14  
VOLATILE WEIGHT: 2.40%      VOLATILE VOLUME: 2.57%  
VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: N/A  
MATERIAL V.O.C.: 0.23 lb/gal      SOLUBILITY IN WATER: Non soluble  
APPEARANCE AND ODOR: Pungent

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 205F      METHOD USED: PMCC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 3.2      UPPER: 15.3

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER

SPECIAL FIREFIGHTING PROCEDURES:  
Positive pressure, full face piece, self contained breathing apparatus and full protective suit. Keep unprotected personal away. Cool fire-exposed containers

with water. Fumes released on burning may be toxic and dangerous.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers exposed to fire may self polymerize and rupture. Combustion products

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and vapors are highly irritating and may cause allergic reaction.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID:

Heat, sunlight, UV radiation, storage at temperatures above 100 F. Open flame, and freezing.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid strong oxidizers, strong bases, peroxides, copper, copper alloys, carbon steel, iron, rust.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

When heated to decomposition, as in welding or fire, may release oxides of carbon and nitrogen, and highly irritating vapors which may cause allergic reaction.

HAZARDOUS POLYMERIZATION: May occur

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Inhalation: Dizziness, breathing difficulty, headaches & loss of coordination.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Severe irritation and possible reversible corneal damage. Symptoms: Burning sensation, redness, swelling, blurred vision, tearing.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Causes irritation and allergic sensitization. Prolonged contact causes blisters. May be absorbed through unbroken skin to cause toxic effects including nerve, eye and liver damage.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion: Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Chronic exposure may cause damage to the Central Nervous System, Respiratory System, Lungs, Eyes, Skin, Gastrointestinal Tract, Liver, Spleen, and Kidney.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No  
No Information Available.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation overexposure: Move person to fresh air. If breathing stops, apply

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artificial respiration and seek immediate medical attention. Eye contact: Flush with large quantities of water for 15 minutes. Skin contact: Wash thoroughly with soap and water and see a doctor. Ingestion: Do not induce vomiting. Can cause chemical pneumonitis and pulmonary edema. Contact physician immediately.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Ventilate area and avoid breathing vapor. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, county, state, provincial and federal regulations. Emptied containers may retain hazardous properties. Empty containers should be disposed of in an environmentally safe manner in accordance with applicable regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Store at temperatures below 100 F.

OTHER PRECAUTIONS:

Smoking and eating in area where this material is used should be strictly prohibited. Remove all contaminated clothing, shoes, belts, and other leather goods immediately. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION:

When spraying this material use a NIOSH approved cartridge respirator or gasmask suitable to keep airborne mists and vapor concentrations below the timeweighted threshold limit values. When used in poorly ventilated and confined spaces, use an appropriate half mask or full face NIOSH approved respirator.

VENTILATION:

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

PROTECTIVE GLOVES:

Use impermeable chemical handling gloves for skin protection.

EYE PROTECTION:

Use chemical safety glasses, goggles, and faceshields for eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Use impermeable aprons and protective clothing whenever possible to prevent skin contact.

WORK/HYGIENIC PRACTICES:

Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. Never try to remove ink from the skin by using solvent or thinner. Remove contaminated clothing to prevent prolonged contact.

===== SECTION IX - DISCLAIMER =====

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The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any federal, state or local laws.

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