

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION.

Rogersol, Inc.
 5538 Northwest Highway
 Chicago, IL 60630
 800/621-0156
 CHEMICAL EMERGENCY HOTLINE 800-424-9300

A.B. Dick Product Number:
 16-00490

ITEM NUMBER: 16-00490-CS
 ITEM DESCRIPTION: **Anti-Skin Ink Spray (case of 12)**
 PRODUCT DESCRIPTION: Anti-skinning spray
 CHEMICAL FAMILY: Petroleum hydrocarbon
 REVISION DATE: 01/13/00

SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

<u>COMPONENT/CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% WT</u>	<u>NOTES</u>
2,6-DI-TERT-BUTYL-P-CRESOL 128-37-0	10 MG/M3	10 MG/M3	15-20	
HEXANE 110-54-3	50	500	15-20	
ISOPROPYL ALCOHOL 67-63-0	400 PPM	400 PPM	10-15	
OSHA Short Term Exposure Limit (STEL): 500 ppm				
LIQUID PETROLEUM GAS 68476-85-7	1000 PPM	1000 PPM	35-40	
ISOPARAFFINIC HYDROCARBON 64742-48-9	N/E	300 PPM	15-20	

HAZARDOUS IDENTIFICATION CODE:

NFPA RATING: HEALTH: 1 HMIS RATING: HEALTH: 1
 FLAMMABILITY: 4 FLAMMABILITY: 4
 REACTIVITY: 1 REACTIVITY: 1

SCALE: 0 = no hazard, 1 = minimal, 2 = moderate, 3 = high, 4 = extreme

HMIS = Hazardous Materials Identification System

NFPA - National Fire Protection Association

(Personal Protection Rating to be supplied by user depending on use conditions.)

SECTION 3 - PHYSICAL CHEMICAL PROPERTIES

FLASH POINT, Method, T.C.C.: 45 F (conc.)
 APPEARANCE AND ODOR: Clear to light liquid with solvent odor
 pH: Not applicable
 SPECIFIC GRAVITY(water = 1.00): 0.760 (for concentrate)
 VAPOR PRESSURE: Not available
 VAPOR DENSITY: Not available
 ODOR THRESHOLD: Not available
 BOILING POINT: Not available
 MELTING/FREEZING POINT: Not available
 Coefficient of oil/water distribution: Not available
 SOLUBILITY IN WATER: Insoluble
 EVAPORATION RATE (n-butyl acetate = 1.00): Slower
 PERCENT VOLATILITY BY WEIGHT (including water): 98.0
 VOC (Lbs./gal): (0.735 lbs voc/12 wt. oz. can) (98%)

(Continued)

Page 2

ITEM NUMBER: 16-00490-CS
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REVISION DATE: 01/13/00

SECTION 4 - HEALTH HAZARDS INFORMATION

PRIMARY ROUTE(S) OF EXPOSURE: eyes, skin and inhalation

EYE CONTACT: Product may cause the following: slight irritation on contact.

SKIN CONTACT: Product may cause the following: mild irritation possible: drying and redness.

SKIN ABSORPTION: Contains alcohol. This product may be slightly toxic if absorbed through the skin.

INHALATION: Product may cause the following: If vapors, mists and sprays of this product are inhaled, this may irritate nose, throat and lungs.

INGESTION: Product may cause the following: Irritating to the digestive tract and may cause headaches, central nervous system depression and nausea.

CHRONIC EFFECTS OF OVEREXPOSURE: None established.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting skin, eye and respiratory disorders as well as impaired liver and kidney functions may be aggravated by exposure to this product.

OTHER INFORMATION: TARGET ORGANS: None.

CARCINOGEN: The ingredients in this product have not been identified as a carcinogen by: OSHA NTP IARC

CARCINOGEN SUSPECT: The components of this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC

California Safe Drinking Water and Toxic Enforcement Act 1986(Proposition 65):

WARNING: This product contains chemical(s) known to the State of California to cause cancer and reproductive harm. This product contains trace amounts of benzene and toluene.

SECTION 5 - ACCIDENTAL RELEASE INFORMATION

1. Remove all ignition sources.
2. Ventilate area of spill or leak.
3. For small quantities, absorb on paper towels. Evaporate in a safe place (such a fume hood). Allow sufficient time for evaporating vapors to completely clear the hood and ductwork. Burn the papers in a suitable location away from combustible materials. Petroleum distillates should not be allowed to enter a confined space, such as a sewer, because of the possibility of an explosion.

If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center at 800-424-8802. If spill in excess of the EPA reportable quantity is released off-site to air, water or land, immediately notify the National Response Center.

(Continued)

Page 3

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REVISION DATE: 01/13/00

SECTION 6 - FIRST-AID PROCEDURES

EYE CONTACT: Immediately flush with water for at least 15 minutes. Remove contact lenses. Get medical attention.

SKIN CONTACT: Remove all contaminated clothing. Wash skin with soap and water. Get medical attention if indicated.

INHALATION: Remove victim to fresh air. Give artificial respiration or oxygen if needed. Get medical attention if indicated.

INGESTION: If this product is swallowed, call a physician or poison control center immediately. For quick response, the individual should drink milk or large quantities of water. Only induce vomiting as directed by medical personnel. NEVER give anything by mouth to an unconscious person.

SECTION 7 - FIRE AND EXPLOSION INFORMATION

AUTOIGNITION TEMP: unknown

EXPLOSIVE LIMITS IN AIR: unknown

EXTINGUISHING AGENTS: Use the following media when fighting fires: water spray, CO₂, dry chemical, foam.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not flame cut, weld or saw empty container.

SECTION 8 - REACTIVITY INFORMATION

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks and open flames

INCOMPATIBILITY (Materials to avoid): Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon upon combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 9 - HANDLING & STORAGE PROCEDURES

EYE PROTECTION: Chemical safety splash goggles.

SKIN PROTECTION: Neoprene or natural rubber gloves should be worn.

VENTILATION REQUIREMENTS: General mechanical ventilation of area is recommended.

RESPIRATORY PROTECTION: NIOSH recommended if above TLV.

STORAGE PRECAUTIONS: Protect against physical damage to containers. Store in a cool, well ventilated area. Keep away from heat and oxidizing materials. Keep out of the reach of children. For industrial use only.

OTHER: Safety shower and eye wash should be available.

ITEM NUMBER: 16-00490-CS
ITEM DESCRIPTION: **Anti-Skin Ink Spray (case of 12)**
REVISION DATE: 01/13/00

SECTION 10 - SPILL AND DISPOSAL INFORMATION

RELEASES OR SPILLS: Remove all sources of ignition and ventilate area.
Soak up spill with an inert absorbent and place into a designated disposal container.

WASTE DISPOSAL: Do not puncture or incinerate container. When contents are depleted, continue to depress button until all gas is expelled.

OTHER PRECAUTIONS: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

DISPOSAL METHOD: Use appropriate container and dispose in an approved, licensed site facility. NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

IN CASE OF EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC 1-800-424-9300.

SECTION 11 - TOXICOLOGY INFORMATION

	LD50 Rat, oral	LC50 Rat, inh.
	-----	-----
Isopropyl alcohol	5,045 mg/kg	16,000 ppm/4H
	LD50 Rat, oral	LC50 Rat, inh.
	-----	-----
Liquid Petroleum Gas	None Established	None Established
	LD50 Rat, oral	LC50 Rat, inh.
	-----	-----
2,6,-Di-tert-butyl-p-Cresol	N/E	N/E
	LD50 Rat, oral	LC50 Rat, inh.
	-----	-----
Hexane	>5 gm/kg	N/E
	LD50 Rat, oral	LC50 Rat, inh.
	-----	-----
Isoparaffinic hydrocarbon	N/E	N/E

SECTION 12 - ECOLOGY INFORMATION

ALL WORK PRACTICES SHOULD BE AIMED AT PREVENTING ANY RELEASE TO THE ENVIRONMENT.

ENVIRONMENTAL STABILITY: All components of this product are stable in the environment. The solvents in this product may show significant environmental stability by absorption to soil.

EFFECT OF MATERIAL ON PLANTS OR ANIMALS: Impact on plants or animals will be the result of exposure to the solvent components. Plants may be stressed as a result of a large release to the environment. The following aquatic toxicity information is available for the components of this product.

ITEM NUMBER: 16-00490-CS
ITEM DESCRIPTION: **Anti-Skin Ink Spray (case of 12)**
REVISION DATE: 01/13/00

EFFECT OF CHEMICAL ON AQUATIC LIFE: No specific information is available on the effect of this product on aquatic life. The solvent components may cause significant harm to aquatic life, if released to bodies of water in large volume.

SECTION 13 - REGULATORY INFORMATION

Chemical Control Law Status: All components of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) chemical substance inventory.

CANADIAN DSL/NDSL INVENTORY STATUS: The components of this product are listed or are excluded from listing on the DSL/NDSL Inventory.

This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) as prescribed by Canadian (WHMIS) regulations.

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act and are listed as follows:

CHEMICAL NAME	SARA 302/304 (40CFR355)	SARA 311/312 (40CFR355)	SARA 313 (40CFR372)
Hexane Solvent	No	Yes	Yes
Isopropyl Alcohol	No	Yes	No
2,6-di-tert-Butyl-P-Cresol	No	Yes	No
Liquid Petroleum Gas	No	Yes	No
Isoparaffinic Hydrocarbon	No	Yes	No

SECTION 14 - TRANSPORTATION INFORMATION

DOT SHIPPING NAME: AEROSOLS, ORM-D
HAZARDOUS CONTENTS:
DOT HAZARD CLASS:
ID NUMBER:
PACKAGING TYPE:

The exception for combustible liquids are applicable to non bulk shipments (under 450L (119 gal.)), unless the shipment is via vessel or aircraft. Refer to 49 CFR 173.150 for additional information.

MARINE POLLUTANT: This product does not contain any components which are designed by the Department of Transportation to be marine pollutants per 49 CFR 172.101 Appendix B.

TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATION:

(Continued)

Page 6

ITEM NUMBER: 16-00490-CS
ITEM DESCRIPTION: **Anti-Skin Ink Spray (case of 12)**
REVISION DATE: 01/13/00

SECTION 15 - ADDITIONAL INFORMATION

EPA: COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT.
UNDER CERCLA (SUPERFUND), RELEASES TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER (NRC), (800)424-8802.
Circumstances surrounding the release and cleanup determine reportability.

SECTION 16 - END OF DOCUMENTEND OF DOCUMENT

NOTE: This MSDS supercedes all previously dated MSDS for this product.

DISCLAIMER: The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use.

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