

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>2</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	2	Flammability	2	Reactivity	0	Personal Protection	B
Health	2								
Flammability	2								
Reactivity	0								
Personal Protection	B								
Product Class: Silver Scratch Off Coating	Manufacturer's code: S-1860								
Trade Name: Scratch Kote S-600 Silver									

II. COMPOSITION / INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Aromatic Hydrocarbon (Components include)	64742-95-6	7 – 13	N/E	
1,2,4-Trimethyl Benzene	95-63-6	1 – 5	OSHA/TWA	25 ppm
Cumene	98-82-8	0.1 – 1.0	ACGIH TWA/TLV	50 ppm
Xylene Isomer	1330-20-7	0.1 – 1.0	ACGIH TWA/TLV ACGIH STEL/TLV OSHA TWA/PEL	100 ppm 150 ppm 100 ppm
Aliphatic Hydrocarbon	64742-48-9	15 – 40	ACGIH TWA/TLV ACGIH STEL/TLV OSHA TWA/PEL	100 ppm 200 ppm 500 ppm
Aluminum	7429-90-5	10 -25	NE	

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: Inhalation of excessive concentrations of vapors or mists may cause irritation of nose and throat, drowsiness, loss of coordination, headaches and fatigue.
Warning: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters Syndrome). Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Skin Contact: Avoid skin contact. This product may cause skin irritation. Prolonged or repeated exposure to this product may cause redness and burning, drying of skin. Prolonged or repeated contact may result in contact dermatitis. This condition may make the skin more susceptible to other irritants, sensitizers, and disease. Pre-existing skin conditions may make the skin more susceptible and facilitate uptake by this route.
Eye Contact: Avoid eye contact. One or more components of this product can cause eye irritation. Direct contact with the liquid or exposure to vapors or mists, may cause stinging, tearing, redness and swelling.

Ingestion: Do not ingest. (Swallowing) Swallowing may result in gastrointestinal irritation, vomiting, or diarrhea. This product is an Aspiration Hazard. One or more components may enter lungs during swallowing or vomiting and cause lung inflammation and damage. Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea. Loss of consciousness and convulsions followed by death may result. See *Notes to Physician* 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 until irritation subsides. Seek immediate medical attention, preferably from an ophthalmologist.
Skin: If this product comes in contact with skin, immediately flush affected area with soap, water and remove contaminated clothing. Wash contaminated clothing before future reuse. If skin is damaged, apply dressing and seek immediate medical attention.
Inhalation: Inhalation of excessive concentrations of vapors or mists may cause irritation of nose and throat, drowsiness, loss of coordination, headaches and fatigue. If any of these symptoms occur, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.
Ingestion: DO NOT induce vomiting, as product is an ASPIRATION HAZARD. 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. Treat appropriately. Gastrointestinal discomfort may develop, followed by vomiting, with risk of aspiration.

V. FIRE AND EXPLOSION DATA

Flash Point °F: 105 °F		Auto-ignition Temperature °F: No Data
Flammable Limits in Air (% Volume)	Lower Limit: No Data	Upper Limit: No Data
<p>Extinguishing Media: Use a universal foam, CO₂, or dry chemical extinguishing media. Water may be ineffective.</p> <p>Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing medium, but helps by keeping adjacent containers cool. Avoid spreading burning liquid with water.</p> <p>Unusual Fire & Explosion Hazard: This material is combustible and may be ignited by heat or flame. This material will burn, but will not ignite readily. 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: Stay upwind and away from spill unless wearing protective equipment. Stop and / or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Cover with inert material to reduce fumes. Keep out of waterways, contact fire authorities. Notify health and pollution control agencies.

VII. HANDLING AND STORAGE

Handling and Storage: Use and store this product in a cool, well ventilated area and keep closed when not in use. Do not store in areas with excessive hot or cold temperatures. Excessive temperatures may cause viscosity instability. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor.

Other Precautions: For industrial use only. Do not ingest. 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.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: General mechanical ventilation may be sufficient to keep product vapor

concentrations within specified time weighted TLV exposure ranges or flammable limits.

Personal Protective Equipment

Respirator: Approved respiratory protective equipment must be used when vapors or mists concentrations exceed applicable standards. 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.

Skin: The use of gloves which are impermeable to the specific material handled is advised to prevent skin irritation and absorption.

Eye: Use approved eye protection to safeguard against potential eye contact, irritation, and injury. If material is handled such that it could be splashed into eyes, wear plastic face or splash-proof safety glasses and/ or goggles.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 308 – 355 °F	Vapor Density (Air = 1): > 1 Est.
Relative Density (H₂O = 1): 1.44	Vapor Pressure (mm Hg @ 70°F): 2.5
Material Density Lbs./Gal: 12.0	Solubility in Water: Not Miscible
% Volatiles by Weight: 40.8	Evaporation Rate: < Water Photo Reactive: Yes
VOC: lbs/gal: 4.9 g/L: 588	Appearance/Odor: Silver Liquid / Solvent Odor

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Sources of ignition, heat or flame.
Hazardous Polymerization: Will not occur.	Materials to avoid: Strong Acids
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide	

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

XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time.

XIII. DISPOSAL INFORMATION

Waste Disposal Method: Dispose of product in accordance with local, state, and federal regulations.

XIV. TRANSPORT INFORMATION

Flammability Classification:	
OSHA:	Class II
DOT Hazard Classification:	Exception § 173.50
DOT Non- Bulk Shipping Name:	Scratch Kote S-600
DOT Bulk Shipping Name:	Paint Related Material, Combustible, UN 1263, PG III
IMDG/ IATA Hazard Classification:	Flammable Liquid
IMDG/ IATA Shipping Name:	Paint Related material, 3, UN 1263, PG III

XV. REGULATORY INFORMATION

SARA Title III Section 313:

This material contains chemicals subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.

Chemical CAS # %

Cumene	98-82-8	0.1 – 1.0
Xylene Isomer	1330-20-7	0.1 – 1.0
1,2,4- Trimethyl Benzene	95-63-6	1 – 5
Aluminium	7429-90-5	10 - 25

TSCA Section 8(b) Inventory Status:

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

U.S. State Regulations

California Proposition 65:

This product contains a chemical known by the state of California to cause cancer.

Chemical	CAS #	%
Cumene	98-82-8	0.1 – 1.0

State: The contents of this product can be found on the following states right to know lists: CA, NJ, FL, PA, MN.

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.