

Overlay Builder Gel

Section I - Product and Company Identification

Product Name: Overlay Builder Gel
Chemical Name: N/A

Family: UV GELS

Manufacturer: The Supply Source
 4500 Hiatus Road, Suite 207, Sunrise, FL

33351

Product Use: NAIL GEL

954-742-9553

EMERGENCY Contact: CHEM-TEL Inc. At 800-255-3924 or 813-248-0573

Section II - Hazardous Ingredients

Chemical Identity	CAS Numbers	INCI Name	Exposure	Limits	Carcinogen	%
			OSHA TWA/STEL	ACGIH TWA/STEL		
Aliphatic Urethane Acrylate	N/E	N/E	N/E	N/E	Not Listed	>95
Acrylic Acid	79-10-7	Acrylic Acid	N/E	2 ppm	3/no/no	<5
d-Camphoroquinone	2767-84-2	N/E	N/E	N/E	Not Listed	<1
Benzophenone	119 - 61 - 9	Benzophenone	N/E	N/E	Not Listed	<1
D & C Violet #2	81-48-1	D & C Violet #2	N/E	N/E	Not Listed	<1

N/E - None Established

N/R - Not Reviewed

N/DA - No Data Available

N/A - Not Available

Section III - Hazards Identification

EMERGENCY OVERVIEW

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause chemical burn in eye.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry No specific information available. Contains materials that are essentially nonirritating, but contact may cause slight transient irritation.

Eye may cause slight transient irritation.

Skin No specific information available. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.

Ingestion No specific information available. Contains materials that may be practically nontoxic.

Inhalation No specific information available. Low volatility makes vapor inhalation unlikely. Aerosol can be irritating.

Sub-Chronic Effects No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.

NOTE: Refer to Section 11, Toxicological Information for Details

Section IV - First Aid Measures

First Aid for Eye Flush with plenty of water for 15 minutes and seek medical attention.

First Aid for Skin Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

First Aid for Inhalation In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

First Aid for Ingestion If appreciable quantities are swallowed, seek medical attention.

Section V - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
> 212 ° F Setaflash	No Data	No Data

Method:

Extinguishing Media: Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
 Fire Fighting Instructions: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Hazards: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

Section VI - Accidental Release Measures

Spill or Release Procedures Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Absorb with inert material and dispose. Flush area with water; prevent washings from entering waterways.

Section VII - Handling and Storage

Handling Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.
 Storage Store in a cool place, away from heat and light. Store at temperatures below 100 ° F.
 Explosion Hazard High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

Section VIII - Exposure Controls / Personal Protective Equipment

Engineering Controls Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment

General For operations where contact can occur, use a face shield, impervious body covering and boots. A safety shower and eye wash facility should be available.
 Eye/ Face Protection Chemical splash goggles.
 Skin Protection Impervious gloves (Neoprene).
 Respiratory Protection When exposed to aerosols or vapors, use full face organic vapor cartridge respirator with particulate pre-filter.

Section IX - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity (H2O=1) : 1.15	Viscosity	% Volatile		
Clear or Pink, mobile viscous gel	characteristic acrylate odor	NA		N/DA	By Volume : < 0.5		
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	(mm Hg) @ 20 C : < 0.01	N/DA	N/DA	N/DA	Insoluble

Section X - Stability and Reactivity

Stability

Normally Stable

Incompatibility (Materials to Avoid):

Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases.

Hazardous Decomposition Products:

Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

Hazardous Polymerization:

May occur -- Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

Conditions to Avoid:

Storage > 100 ° F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Section XI - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
N/DA	N/DA	N/DA	N/DA	N/DA

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	N/DA	N/DA

Section XII - Ecological Information

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

Section XIII - Disposable Concentrations

Incinerate or use biological treatment in accordance with federal, state, and local regulations.

Section XIV - Transport Information

DOT Shipping Name : Not Applicable ; Hazard Class: Not Regulated ; Label : None ; UN/NA Number : Not Applicable

Section XV - Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U. S. Clean Air Act: Benzophenone CAS #119-61-9 (SOCMI), Acrylic Acid CAS #79-10-7 (HAP). This product contains no ODS's
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are : Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302	This product contains no chemicals regulated under Sec. 302 as extremely hazardous

Material Safety Data Sheet

	substances.
SARA Title III: Section 304	This product contains the following chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification (" CERCLA" List): Acrylic Acid CAS #79-10-7 RG (LBS) 5000.
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard
SARA Title III: Section 313:	This product contains the following chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Acrylic Acid CAS #79-10-7.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

State Regulations

CA Right-to-Know Law:	This product contains the following non-hazardous components subject to disclosure under California Right-To-Know legislation: Acrylic Acid CAS #79-10-7.
MA Right-to-Know Law:	This product contains the following chemicals on the Massachusetts Substance List : Acrylic Acid CAS #79-10-7.
NJ Right-to-Know Law:	This product contains the following non-hazardous components subject to disclosure under New Jersey Right-To-Know legislation: Acrylic Acid CAS #79-10-7.
PA Right-to-Know Law:	This product contains the following non-hazardous components subject to disclosure under Pennsylvania Right-to-Know legislation: Acrylic Acid CAS #79-10-7.
FL Right-to-Know Law:	This product contains the following non-hazardous components subject to disclosure under Florida Right-To-Know legislation: Acrylic Acid CAS #79-10-7.
MN Right-to-Know Law	Benzophenone CAS #119-61-9

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Benzophenone CAS #119-61-9 is on the DSL list. Acrylic Acid CAS #79-10-7 is on the DSL list. WHMIS = B2, E, D1A, F d-Camphoroquinone CAS#2767-84-2 is not on the DSL list. WHMIS = n/da.
EINECS: European Inventory:	Benzophenone (204-337-6) <ul style="list-style-type: none">• Hazard Symbol (n/a), R Values (n/a), S Values (n/a) Acrylic Acid (201-177-9) <ul style="list-style-type: none">• Hazard Symbol (C), R Values (R10, R34, R42/43), S Values (S9, S16, S26, S33, S36, S45). d-Camphoroquinone (220-446-1) <ul style="list-style-type: none">• Hazard Symbol (n/da), R Values (n/da), S Values (S24/25, S28A, S37, S45)

Section XVI - Other Information

Hazard Rating System

NFPA: Health = 2/Flammability = 1/Reactivity = 2

HMIS: Health = 2/Flammability/ = 1/Reactivity= 2

Product Number -

Approval Date: 06/07/2001

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