

1. IDENTIFICATION

Product identifier

Product Name Smart Strip Auto Graffiti & Adhesive Remover

Other means of identification

SDS # DCI-052

Recommended use of the chemical and restrictions on use

Recommended Use Graffiti remover.

Details of the supplier of the safety data sheet

Supplier Address

Dumond, Inc.
253 S. Bailey Road
Downingtown, PA 19335

Emergency telephone number

Company Phone Number 1-609-655-7700
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, colorless liquid

Physical state Liquid

Odor Mild

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Flammable liquids	Category 4

Signal Word

Warning

Hazard statements

Causes skin irritation
Causes serious eye irritation
Combustible liquid



Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 IF eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of water and soap
 If skin irritation persists: Get medical advice/attention
 Take off contaminated clothing and wash before reuse
 IN CASE OF FIRE: Use CO₂, dry chemical, alcohol foam, and water spray for extinction

Precautionary Statements - Storage

Store in a well-ventilated place
 Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
1-Butoxy-2-propanol	5131-66-8	80-90

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause irritation to the mucous membranes and upper respiratory tract. May cause irritation, redness and pain.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically. Individuals with chronic eye, skin and respiratory disorders may be at an increased risk from exposure to this material.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Alcohol resistant foam.

Unsuitable Extinguishing Media Do not use direct water spray.

Specific Hazards Arising from the Chemical

Violent steam generation may occur upon direct application of water stream. At elevated temperatures, containers may rupture. Cool containers exposed to flames with water until well after the fire is out. Decomposition may be hazardous. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.).

Hazardous combustion products Carbon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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| Personal Precautions | Use personal protective equipment as required. |
| For Emergency Responders | Follow all fire fighting procedures in Section 5. Use personal protection recommended in Section 8. |

Environmental precautions

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| Environmental precautions | Do not allow into any sewer, on the ground or into any body of water. |
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Methods and material for containment and cleaning up

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| Methods for Containment | Collect using an inert absorbent material and place in appropriate containers for disposal. |
| Methods for Clean-Up | Keep in suitable, closed containers for disposal. For waste disposal, see section 13 of the SDS. Spills and releases may have to be reported to Federal and/or local authorities. See section 15. |

7. HANDLING AND STORAGE

Precautions for safe handling

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| Advice on Safe Handling | Protect container from physical damage. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Follow all SDS/label precautions even after container is emptied, because it may retain product residues. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. |
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Conditions for safe storage, including any incompatibilities

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| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. |
| Incompatible Materials | Strong oxidizing agents. Acids. Strong alkalis. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

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| Engineering Controls | Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Showers. Eyewash stations. |
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear approved safety goggles where a splash hazard exists. Do not wear contact lenses. Refer to 29 CFR 1910.133 for eye and face protection regulations.
Skin and Body Protection	Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Wear chemical resistant, impervious gloves for routine industrial use. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	If occupational exposure limits are exceeded, use NIOSH approved respirator with organic vapor cartridges and dust/mist pre-filter. For higher concentrations (greater than 10 times the recommended exposure limit) an approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form, and concentration. Select in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Mild
Appearance	Clear, colorless liquid	Odor Threshold	Not determined
Color	Colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	6		
Melting point / freezing point	Not determined		
Boiling point / boiling range	Not determined		
Flash point	>60°C / >140°F		
Evaporation Rate	Not determined	Not determined	
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper flammability or explosive limits	Not determined		
Lower flammability or explosive limits	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	Not determined		
Water Solubility	Not determined		
Solubility in other solvents	Not determined		
Partition Coefficient	Not available		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Take precautionary measures against static discharges.

Incompatible materials

Strong oxidizing agents. Acids. Strong alkalis.

Hazardous decomposition products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation.
Inhalation	Do not inhale.
Ingestion	Do not taste or swallow.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
1-Butoxy-2-propanol 5131-66-8	= 1900 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Dimethyl Glutarate 1119-40-0	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5.6 mg/L (Rat) 4 h
Dimethyl Succinate 106-65-0	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	-
Dimethyl Adipate 627-93-0	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause irritation to the mucous membranes and upper respiratory tract. May cause irritation, redness and pain.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	>2000 mg/kg
Dermal LD50	>2000 mg/kg
ATEmix (inhalation-dust/mist)	>5 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Dimethyl Glutarate 1119-40-0		19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static	122.1 - 163.5: 48 h Daphnia magna mg/L EC50
Dimethyl Succinate 106-65-0		50 - 100: 96 h Brachydanio rerio mg/L LC50 static	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Dimethyl Succinate 106-65-0	0.19

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

According to 49 CFR §173.150(f)(1), this material should be reclassified as "NA1993, Combustible Liquid, N.O.S." if it is shipped in bulk.

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
1-Butoxy-2-propanol	X	ACTIVE	X	X	X	X	X	X	X
Dimethyl Glutarate	X	ACTIVE	X	X	X	X	X	X	X
Dimethyl Succinate	X	ACTIVE	X	X	X	X	X	X	X
Dimethyl Adipate	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	1	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical hazards	Personal Protection
	Not determined	Not determined	Not determined	Not determined

Issue Date:	23-Jun-2011
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Revision Note:	Regulatory update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet