

Issue Date 23-Jun-2011

Revision Date 3-Mar-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Smart Strip Aerosol

Other Means of Identification

SDS # DCI-65

UN/ID No UN1950

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Paint remover.

Details of the Supplier of the Safety Data Sheet

Supplier Address

Dumond Chemicals, Inc.
83 General Warren Blvd
Suite 190
Malvern, PA 19355

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

Classification

Germ cell mutagenicity	Category 1B
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Signal Word

Danger

Hazard Statements

May cause genetic defects



Appearance White liquid Aerosols

Physical State Liquid

Odor Slight characteristic odor

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

Pressurized container: May burst if heated

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	40-60
Dimethyl ether	115-10-6	20-30
Titanium dioxide	13463-67-7	1-5
Isobutane	75-28-5	1-5

Chemical Additions

Contains 30-50% proprietary ingredients

4. FIRST AID MEASURES**First Aid Measures****General advice**

If exposed or concerned: Get medical advice/attention.

Inhalation

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion

If conscious give 1 glass of water to dilute. Do NOT induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Immediate medical attention is required.

Skin Contact

Wash thoroughly with soap and water until no traces of the chemical remain. Remove and wash contaminated clothing before reuse. Get medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed**Symptoms**

May cause irritation to the mucous membranes and upper respiratory tract. May cause respiratory irritation, dizziness, headache, cardiac disturbances, unconsciousness or death. May cause central nervous system effects. May cause irritation, redness and pain. Area of contact may become numb due to anesthetic effects. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Indication of any Immediate Medical Attention and Special Treatment Needed**Note to Physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO2 or water spray. Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Contents under pressure. Exposure of containers to extreme heat and flames can cause them to rupture with violent force. No flame extension or flashback.

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. Cool containers with flooding quantities of water until well after fire is out. Use shielding to protect against bursting cans.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Wear appropriate protective clothing and equipment to prevent contact.

Environmental Precautions Keep out of waterways.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent runoff to storm sewers and ditches leading to natural waterways.

Methods for Cleaning Up Contain and collect with an inert absorbent and place into an appropriate container for disposal. Wash spill area with plenty of water. 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

Advice on Safe Handling Avoid contact with skin and eyes. Avoid breathing vapors or mists. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate cans. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Store in a cool, dry, well-ventilated place. Do not store at temperatures above 120°F. Protect from direct sunlight. Do not place can in hot water or near radiators, stoves, or other sources of heat. Protect container from physical damage. Store locked up.

Incompatible Materials Incompatible with strong acids and bases. Strong oxidizing agents. Reducing agent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m ³

Appropriate Engineering Controls

Engineering Controls

Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required. For operations where contact can occur, a safety shower and an eye wash facility should be available.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection

Chemical safety goggles/faceshield. Do not wear contact lenses.

Skin and Body Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Butyl rubber or other impervious gloves are required.

Respiratory Protection

None needed under normal use conditions with adequate ventilation. If the occupational exposure limits are exceeded, a NIOSH approved respirator with acid gas cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

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	Slight characteristic odor
Appearance	White liquid Aerosols	Odor threshold	Not determined
Color	White		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	6		
Melting point/freezing point	Not available		
Boiling point/boiling range	Not available		
Flash point	None (concentrate)		
Evaporation rate	Not determined		
Flammability (solid, gas)	Not determined		
Flammability limits in air			
Upper flammability limits	Not determined		
Lower flammability limit	Not determined		
Vapor pressure	Not determined		
Vapor density	Not determined		
Specific gravity	1.05		
Water solubility	Soluble in water		
Solubility in other solvents	Not determined		
Partition coefficient	Not available		
Autoignition temperature	Not available		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic viscosity	Not determined		
Explosive properties	Not determined		
Oxidizing Properties	Not determined		

Other Information

VOC Content (%) 0%
 VOC Content 0 lbs/gal

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.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Avoid temperatures above 120 °F. Heat, flames and sparks. Contact with incompatible materials.

Incompatible Materials

Incompatible with strong acids and bases. Strong oxidizing agents. Reducing agent.

Hazardous Decomposition Products

May oxidize with air to form benzaldehyde and benzoic acid. Thermal decomposition may yield carbon dioxide, carbon monoxide, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure**Product Information**

Inhalation Avoid breathing vapors or mists.
Eye Contact Avoid contact with eyes.
Skin Contact Avoid contact with skin.
Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Dimethyl ether 115-10-6	-	-	= 308.5 mg/L (Rat) 4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Isobutane 75-28-5	-	-	= 658 mg/L (Rat) 4 h

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause irritation to the mucous membranes and upper respiratory tract. May cause central nervous system effects. May cause eye irritation. Area of contact may become numb due to anesthetic effects. May cause vomiting and diarrhea. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity Titanium dioxide is a possible carcinogen when it appears as a respirable dust.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		X

Numerical Measures of Toxicity- Product

Not determined

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

ATEmix (oral) 240000 mg/kg

ATEmix (inhalation-dust/mist) 1168.2 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Persistence and Degradability

Material is readily biodegradable.

Bioaccumulation

The product has low potential for bioaccumulation.

Mobility

Not determined.

Chemical Name	Partition coefficient
Dimethyl ether 115-10-6	-0.18
Isobutane 75-28-5	2.88

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 Based on package size, product may be eligible for limited quantity exception

DOT

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.2

IATA

UN/ID No UN1950
Proper Shipping Name Aerosols, non-flammable
Hazard Class 2.2

IMDG

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.2

15. REGULATORY INFORMATION

International Inventories

TSCA Listed
DSL Listed

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

US Federal Regulations

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	Yes
Reactive Hazard	No

US State Regulations

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dimethyl ether 115-10-6	X	X	X
Titanium dioxide 13463-67-7	X	X	X
Isobutane 75-28-5	X	X	X

U.S. EPA Label Information

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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Not determined

HMIS**Health Hazards****Flammability****Physical Hazards****Personal Protection**

Not determined

Not determined

Not determined

Not determined

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12-Dec-2012

Revision Note

New format

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