

Smart Strip Pro

SAFETY DATA SHEET (SDS)

Version: 02

Date of Issue: August 17, 2020

According to: Article 18(3)(a) of Regulation (EC) No 1272/2008

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: Smart Strip Pro

Other Means of Identification: DCI-073

Product Description: A paste to be used for removing paint from numerous substrates.

Hazardous Components for labelling:

- Benzyl alcohol (CAS No 100-51-6)
- Glycolic acid (CAS No. 79-14-1)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s): Use the product for its intended purpose as a paint remover.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Dumond, Inc.
253 S. Bailey Rd.
Downingtown, PA 19335

Business Phone: 1-609-655-7700

Email: info@dumondglobal.com

1.4 Emergency telephone number

Emergency Telephone: INFOTRAC 1-352-323-3500

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

According to: Regulation (EC) No 1272/2008 [CLP]

	Health	Environment	Physical
Classification according to Regulation (EC) No 1272/2008 [CLP]	Skin Irritation (Category 2) H315 Eye Irritation (Category 2A) H319	Not classified	Not classified
SCL and/or M-factor	N/A	N/A	N/A
Classification Procedure	Practical experience / human evidence	N/A	N/A

2.2. Label elements

Label Pictogram:



Signal Word: Warning

Hazard Statements: Causes skin irritation (H315), causes serious eye irritation (H319).

Precautionary Statements:

- Wash hands thoroughly after handling (P264)
- Wear protective gloves/protective clothing/eye protection/face protection (P280)
- IF ON SKIN: wash with plenty of water. (P302+P352)
- For specific treatment consult a doctor/physician. (P321)
- IF SKIN irritation occurs: Get medical advice/attention. (P332+P313)
- Take off contaminated clothing. (P362)
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. (P305+P351+P338)
- IF eye irritation persists: Get medical advice/attention (P337+P313)
- If medical advice is needed, have product container or label at hand

2.3. Other hazards

- The pH of this product is 2.1 - 3.

Section 3 – Composition / Information on Ingredients**Mixture**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>% Weight</u>	<u>Product identifier type in accordance with Article 18(2) of Regulation (EC) No 1272/2008</u>
Benzyl alcohol	100-51-6	202-859-9	40% - 50%	CAS Number
Glycolic acid	79-14-1	201-180-5	1% - 10%	CAS Number

Section 4 – First Aid Measures**4.1 Description of first aid measures**

- Eye contact:** 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.
- Skin contact:** IF ON SKIN: wash with plenty of water and soap. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing. Seek medical attention if in doubt.
- Inhalation:** Inhalation route of exposure is not anticipated with intended use. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if in doubt.
- Ingestion:** No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.

4.2 Most important symptoms and effects, both acute and delayed

- Irritating to eyes and skin
- Mists and vapours cause irritation of the eyes, Mucous membranes and upper respiratory tract
- Refer to **Section 11 - Toxicological Information.**

4.3 Indication of any immediate medical attention and special treatment needed

- Not required.

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding area if material is involved in a fire (e.g., water fog, foam, dry chemical or carbon dioxide).

Unsuitable Extinguishing Media: None known.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

- At elevated temperatures, containers may rupture.
- Irritating vapours or fumes may form if product is involved in fire:
 - Carbon dioxide
 - Carbon monoxide
 - Nitrogen oxides
- See also **Section 10 - Stability and Reactivity**.

5.3 Advice for firefighters

- Wear a self-contained breathing apparatus to protect against potentially irritating fumes.
- Cool containers with flooding quantities of water until well after the fire is out.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment (PPE) and emergency procedures

Personal Precautions: Use protective gloves, goggles and suitable protective clothing. Do not smoke, use open fire or other sources of ignition. Observe PPE advice in **Section 8 – Exposure Controls/Personal Protection**.

Emergency Procedures: Not available.

6.2 Environmental precautions:

- Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Contain spill if safe to do so. Remove sources of ignition. Keep combustibles away from spilled material. Collect recoverable product and place in a designated container for disposal. Flush the area with water. Avoid dust formation. Dispose of sealed contents/container and wash water in accordance with local/regional/national/international regulations. Spills and releases may have to be reported to federal and/or local authorities.

6.4 Reference to other sections

- Refer to **Section 8 - Exposure Controls/Personal Protection** and **Section 13 – Disposal Considerations**.

Section 7– Handling and Storage

7.1 Precautions for safe handling

- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wash contaminated clothing before reuse.
- Employees should be trained in the safe use and handling of chemical materials.
- Sinks and eye wash stations should be available in the work area.
- Keep product cool

- Refer to **Section 8 - Exposure Controls/Personal Protection**.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed to avoid spills.
- Keep in a cool dry place.
- Protect from direct sunlight.
- Keep in original container.
- Incompatible with bases, strong oxidizers, reducing agents and strong acids.

7.3 Specific end use(s)

- Refer to **Section 1.2 - Relevant identified uses**.

Section 8– Exposure Controls / Personal Protection

8.1 Control Parameters:

- There are no exposure values available for the chemicals in this product.

8.2 Exposure Controls:

Appropriate engineering controls

- Use ventilation or other engineering controls to maintain low airborne concentrations.
- Minimize contact with eyes, skin and clothing by using good hygiene practices.
- In work areas where contact may occur sinks and eyewash stations should be available.

8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE.

Respiratory: No specific respiratory protection is required. If ventilation is inadequate, use an approved respirator such as a High Efficiency Particulate Air (HEPA) respirator and filter cartridge authorized by regulatory standards.

Eyes/Face: Wear chemical safety goggles/face shield approved by appropriate regulatory standards. Avoid wearing contact lenses.

Hands/Skin: Wear chemical (butyl rubber or other impervious material) resistant gloves. If necessary, refer to appropriate regulatory standards.

Body: Wear protective clothing (Boots, gloves, labcoat, apron or coveralls) as appropriate. If necessary, refer to appropriate regulatory standards.

Thermal Hazards: None known.

Environmental Exposure Controls: Not available.

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Note: The data below are typical values and do not constitute a specification.

Appearance:		Partition Coefficient	
Physical state:	Viscous liquid	n-octanol/water:	Not available
Colour:	White	Auto-ignition	
Odour/Odour threshold:	Aromatic	temperature:	Not available
pH (as supplied):	2.1 - 3	Decomposition	Not available
		temperature:	
Melting/freezing point:	-15°C / -5°F	Dynamic viscosity:	Not available
Boiling point/range:	96 °C / 205°F	Molecular weight:	Not available
Flash point:	Not available	Taste:	Not available
Evaporation rate:	Not available	Explosive properties:	Not available
Flammability:	Not available	Oxidizing properties:	Not available

Upper/lower explosive limits:	Not available	Surface tension:	Not available
Vapor pressure:	Same as water	Volatile component:	Not available
Water solubility:	Moderately soluble in water	Gas group:	Not available
Vapor density (Air = 1):	Not determined	pH (as solution):	Not available
Specific gravity (Water = 1):	Not available	VOC:	Not available
Relative density:	Not available	Particle size range:	Not available

9.2 Other information

No further data available.

Section 10 – Stability and Reactivity

10.1 Reactivity

- This material is not considered to be reactive under normal handling and storage conditions.

10.2 Chemical stability

- This material is considered stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

- Not expected to occur under normal handling and storage conditions.

10.4 Conditions to avoid

- Exposure to high temperatures
- Strong acids
- Bases
- Strong oxidisers and reducing agents
- Direct sunlight
- Keep out of reach of children

10.5 Incompatible materials

- Bases
- Strong acids
- Strong oxidisers and reducing agents

10.6 Hazardous decomposition products

- Hazardous decomposition products including but not limited to carbon monoxide, carbon dioxide, and nitrogen oxides may be released under fire conditions.

Section 11 – Toxicological Information

Likely routes of exposure: Skin contact.

Potential signs and symptoms: Direct contact with skin or eyes may cause irritation if product is not used as intended.

Acute oral toxicity: Practically non-toxic based on available animal and human use data.

Oral ATE: 2711.80 mg/kg

Acute dermal toxicity: Practically nontoxic based on available animal and human use data.

Dermal ATE: 4140.40 mg/kg.

Acute inhalation toxicity: Practically nontoxic based on available animal and human use data.

Skin corrosion/irritation: Glycolic acid (CAS No. 79-14-1) may cause skin irritation based on animal studies and

	human data. Symptoms include redness, heat, swelling, and pain. The other components of this product are not skin irritants.
Serious eye damage/irritation:	Glycolic acid (CAS No. 79-14-1) may cause eye irritation based on animal studies and human data. Symptoms include red or pink eyes, burning, light sensitivity, itchiness and pain. The other components of this product are not skin irritants.
Respiratory or skin sensitization:	The components in this product are not sensitizing to the skin based on human and/or animal studies.
Mutagenicity:	The components in the product are not mutagenic based on animal studies or no data identified for the components in this product.
Carcinogenicity:	The components in the product are not carcinogenic based on animal studies or no data identified for the components in this product.
Reproductive Toxicity:	The components in the product are not reproductive toxicants based on animal studies or no data identified for the components in this product.
Specific target organ toxicity (single exposure):	The components in the product are not specific target organ toxicity (single exposure) toxicants based on animal studies or no data identified for the components in this product.
Specific target organ toxicity (repeated exposure):	The components in the product are not specific target organ toxicity (repeated exposure) toxicants based on animal studies or no data identified for the components in this product.
Aspiration hazard:	The components in the product are not aspiration hazards based on animal studies or no data identified for the components in this product.

References:

ECHA. 2020. REACH Registered Substances Database.
Dumond. November 2018. Smart Strip Pro Safety Data Sheet.

Section 12 – Ecological Information

12.1 Toxicity

- This product is not expected to be harmful or toxic to aquatic life. See ecotoxicity data below.

Chemical Name	CAS No.	Species	Test Results (mg/L)
Benzyl alcohol	100-51-6	Lepomis macrochirus	10 (96-hr)
		Pimephales	460 (96-hr)
		Water flea	23 (48-hr)
Glycolic acid	79-14-1	Oncorhynchus mykiss	100 (96-hr)

12.2 Persistence and degradability

- Benzyl alcohol (CAS No. 100-51-6) is considered highly biodegradable.
- Glycolic acid (CAS No. 79-14-1) is considered non-persistent.

12.3 Bioaccumulative potential

- Glycolic acid (CAS No. 79-14-1) has a log Kow = <3, and ready biodegradability. It has low potential for bioaccumulation.
- Benzyl alcohol (CAS No. 100-51-6) has an estimated log Pow of 1.1 and a BCF (aquatic species) = 1.37 L/kg
- No data available for other components of the product.

12.4 Mobility in Soil

- Glycolic acid (CAS No. 79-14-1) is expected to be mobile in soil.
- No other data available.

12.5 Results of PBT and vPvB assessment

- No other data available.

12.6 Other adverse effects

- No further data available.

References:

ECHA. 2020. REACH Registered Substances Database.

Dumond. November 2018. Smart Strip Pro Safety Data Sheet.

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Preparing wastes for disposal: Use product for its intended purpose or recycle if possible. Waste should not be disposed of by release to sewers. Dispose of waste in accordance with local, regional, national, and/or international regulations.

Section 14 – Transport Information

Note: This product is not regulated as dangerous goods for transport. Review classification requirements before shipping materials to high temperatures.

	ADR/RID/ADNR/DOT	IMO/IMDG	ICAO/IATA
14.1 UN number	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es):	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	Not regulated	Not regulated	Not regulated

Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union

Seveso Directive (2012/18/EU): No components in this product are listed.

Regulation (EC) No. 1005/2009, Annex I and II: No components in this product are listed.

Regulation (EC) No. 689/2008, Annex I, Parts I-III: No components in this product are listed.

Regulation (EC) No. 850/2004, Annex I: No components in this product are listed.

International:

IARC: No components of this product are classified with respect to carcinogenicity.

15.2 Chemical Safety Assessment

- None available for the components in this product.

Section 16 – Other Information

List of acronyms and abbreviations:

ADR: International Carriage of Dangerous Goods by Road	IMDG: International Maritime Dangerous Goods
ADNR: Regulation for the carriage of dangerous substances on the Rhine	IMO: International Maritime Organization
CAS: Chemical Abstract Service Number	MARPOL: Maritime Pollution
CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008	mg/L: Milligrams per Litre
EC: European Commission	OSHA: Occupational Safety and Health Administration
ECHA: European Chemicals Agency	PBT: Persistent, Bioaccumulative and Toxic
EINECS: European Inventory of Existing Chemical Substances	PPE: Personal Protective Equipment
GHS: Global Harmonized System	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
HEPA: High Efficiency Particulate Air	RID: International rule for transport of dangerous
IBC: International Bulk Chemical	SDS: Safety Data Sheet
IARC: International Agency for Research on Cancer	STEL: Short-term Exposure Limit
IATA: International Air Transport Association	TWA: Time Weighted Average (8-hour)
ICAO: International Civil Aviation Organization	UN: United Nations
IDLH: Immediately Dangerous to Life or Health	vPvB: very Persistent, very Bioaccumulative

References:

- European Chemicals Agency (ECHA) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- European Chemicals Agency Classification and Labelling Inventory Database.
- Dumond. November 2018. Smart Strip Pro Safety Data Sheet.

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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