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MATERIAL SAFETY DATA SHEET

Revision Date: 16/04/2019

Transport/Fire Emergency: **000** (Emergency Services)
Medical Emergency: **131126** (Poisons information)

Sennelier UV Varnish Aerosol Mat, Satin & Brilliant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME:	Sennelier UV Varnish Aerosol Mat
OTHER NAMES:	UV Varnish Aerosol Matt UV Varnish Aerosol Matte UV Varnish Aerosol Gloss UV Varnish Aerosol High Gloss Vernis Mat UV 400ml Vernis Satine UV 400ml Vernis Brilliant UV 400ml
APPLICATION OF SUBSTANCE:	Industrial professional use. Varnishing artwork.
MANUFACTURED BY:	MAX SAUER 2 Rue Lamarck CS30204 22000 SAINT-BRIEUC - France
CONTACT NUMBERS:	T +33 (0)2 96 68 20 00 F +33 (0)2 96 61 77 19
2. HAZARDOUS INFORMATION	
<p>Classification according to Regulation (EC) No. 1272/2008 [CLP] Aerosol, Category 1 H222;H22 9 Serious eye damage/eye H319 irritation, Category 2 Specific target organ toxicity H336 — Single exposure, Category 3, Narcosis Hazardous to the aquatic H412 environment — Chronic Hazard, Category 3</p> <p>Signal word (CLP): Danger Hazardous ingredients: Acetone; Aromatic hydrocarbon Hazard statements (CLP): H222 - Extremely flammable aerosol; H229 - Pressurised container: May burst if heated; H319 - Causes serious eye irritation; H336 - May cause drowsiness or dizziness; H412 - Harmful to aquatic life with long lasting effects</p> <p>Precautionary statements (CLP): P251 - Pressurized container: Do not pierce or burn, even after use; P271 - Use only outdoors or in a well-ventilated area; P273 - Avoid release to the environment; P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F; P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking</p> <p>EUH-statements: EUH066 - Repeated exposure may cause skin dryness or cracking</p>	
MANUFACTURER'S CODE:	N135147, N135157, N135167
UN NUMBER:	1950

2. HAZARDOUS INFORMATION	
DANGEROUS GOODS CLASS AND SUBSIDIARY RISK:	Class 2.1: Flammable aerosol
HAZCHEM CODE:	2YE
POISONS SCHEDULE NUMBER:	N/A
PACKAGING GROUP:	N/A
HAZARD CATEGORY:	2
CLASS:	Class 2: Gases

3. COMPOSITION / INFORMATION ON INGREDIENTS	
<p>Butane (20 - 40%), (Note C)(Note U) Identifier: CAS No: 106-97-8; EC No: 203-448-7; EC index No: 601-004-00-0 Classification: Flam. Gas 1, H220; Liquefied gas, H280</p> <p>Acetone (20 - 40%) Identifier: CAS No: 67-64-1; EC No: 200-662-2; EC index No: 606-001-00-8; REACH-no: 01-2119471330-49 Classification: Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</p> <p>Propane (< 20%) Identifier: CAS No: 74-98-6; EC No: 200-827-9; EC index No: 601-003-00-5; REACH-no: 01-2119486944-21 Classification: Flam. Gas 1, H220; Liquefied gas, H280</p> <p>Aromatic hydrocarbon (< 20%) Identifier: CAS No: 64742-95-6; EC No: 918-668-5; REACH-no: 01-2119455851-35 Classification: Flam. Liq. 3, H226; STOT SE 3, H335; STOT SE 3, H336; Asp. Tox. 1, H304; Aquatic Chronic 2, H411</p> <p>Xylene (< 10%), (Note C) Identifier: CAS No: 1330-20-7; EC No: 215-535-7; EC index No: 601-022-00-9; REACH-no: 01-2119486136-34 Classification: Flam. Liq. 3, H226; Acute Tox. 4 (Dermal), H312; Acute Tox. 4 (Inhalation), H332; Skin Irrit. 2, H315</p> <p>Ethylbenzene (< 5%) Identifier: CAS No: 100-41-4; EC No: 202-849-4; EC index No: 601-023-00-4 Classification: Flam. Liq. 2, H225; Acute Tox. 4 (Inhalation), H332</p> <p>Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers. Note U : When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.</p>	

4. FIRST AID MEASURES	
GENERAL:	Call a POISON CENTER/doctor/physician if you feel unwell. May cause drowsiness or dizziness. Treat symptomatically.
INHALATION:	Remove person to fresh air and keep comfortable for breathing.

4. FIRST AID MEASURES	
EYE CONTACT:	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:	Wash skin with plenty of water.
INGESTION:	Call a POISON CENTER/doctor/physician if you feel unwell.

5. FIRE FIGHTING MEASURES	
EXTINGUISHING MEDIA:	Water haze. Carbon dioxide. Foam.
DO NOT USE:	Do not use a heavy water stream.
DEGREE OF FIRE RISK:	Extremely flammable aerosol. Pressurised container: May burst if heated.
RECOMMENDATIONS:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Thermal decomposition generates : fume. Carbon dioxide. Carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES	
<p>Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area. Avoid any contact with the skin and eyes.</p> <p>Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.</p> <p>Prevent any material from entering drains or waterways.</p> <p>If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures Use drums to dispose of collected waste in compliance with current regulations.</p> <p>Clean preferably with a detergent, do not use solvents.</p>	

7. HANDLING AND STORAGE	
HANDLING:	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.</p> <p>Do not eat, drink or smoke when using this product. Always wash hands after handling the product.</p>
STORAGE:	Protect from sunlight. Do not expose to temperatures exceeding 50°C. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION	
ENGINEERING MEASURES:	Ensure good ventilation.
<i>PERSONAL PROTECTION</i>	
RESPIRATORY PROTECTION:	In case of insufficient ventilation, wear suitable respiratory equipment

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

HAND PROTECTION:	In case of repeated or prolonged contact wear gloves. The choice of appropriate gloves depends not only on the material, but also on other quality criteria that may vary from one manufacturer to another. As the product is a preparation made from several substances, glove material resistance may not be calculated in advance and must be tested before use. The exact penetration time of glove material is to be determined by the manufacturer of protective gloves and respected.
EYE PROTECTION:	Safety glasses
SKIN PROTECTION:	Wear suitable protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Colourless liquid
FLASH POINT:	< 0°C
BOILING POINT:	< 0°C
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	0,846 g/cm ³
SPECIFIC GRAVITY:	N/A
SOLUBILITY IN WATER:	Soluble in most organic solvents. insoluble in water.
MELTING POINT:	N/A

10. STABILITY AND REACTIVITY

Extremely flammable aerosol. Pressurised container: May burst if heated.
Stable under normal conditions.
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Avoid strong acids and strong bases.
Thermal decomposition generates fumes, carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acetone (67-64-1)
LD50 oral rat : 5800 mg/kg
LD50 dermal rabbit : > 15800 mg/kg
LC50 inhalation rat (mg/l): ≈ 76 mg/l/4h

Aromatic hydrocarbon (64742-95-6)
LD50 oral rat: 3492 mg/kg
LD50 dermal rabbit: > 3160 mg/kg
LC50 inhalation rat (mg/l): > 6193 mg/m³

Causes serious eye irritation.
May cause drowsiness or dizziness.

12. ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

Acetone (67-64-1)
LC50 fish 1: 5540 - 11000 mg/l
EC50 Daphnia 1: 8800 mg/l
NOEC chronic algae: 430 mg/l

Aromatic hydrocarbon (64742-95-6)
LC50 fish 1: 9,2 mg/l
EC50 Daphnia 1: 3,2 mg/l
ErC50 (algae): 2,9 mg/l

Bioaccumulative potential:
Acetone (67-64-1)
Log Kow: -0,24

13. DISPOSAL CONSIDERATIONS

Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use.

14. TRANSPORT INFORMATION

Considered Dangerous Goods for transport purposes. Overland or sea transport only.
Proper shipping name: AEROSOLS
See section 2 for labelling information.
Limited quantities: 1L

15. REGULATORY INFORMATION

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

16. OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.