

SNS E.A. Bond

-

Danger



1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : SNS E.A. Bond
Identification of the product : Liquid.
Product code : -
Type of product : Solvent. Cosmetic care product.
1.2. Use : Domestic.
1.3. Company identification : Signature Nail Systems LLC
 4500 Seaboard Rd, Ste. C
 Orlando, FL 32808 UNITED STATES
 Tel: +1 888-445-2786

2 Hazards identification

2.1. Classification of the substance or mixture

Hazard Class and Category Code

• **Physical hazards** : Flammable liquids - Category 2 - Danger (CLP : Flam. Liq. 2)
 • **Health hazards** : Eye irritation - Category 2A - Warning (H319)
 Specific Target Organ Toxicity - Single exposure - Narcotic effects - Category 3 - Warning (H336)

2.2. Label elements

GHS - Labelling with H and P Code

• **Hazard pictograms**



• **Hazard pictograms code** : GHS02 - GHS07
 • **Signal word** : Danger
 • **Hazard statements** : H319 : Causes serious eye irritation.
 H336 : May cause drowsiness or dizziness.
 H225 : Highly flammable liquid and vapour.
 • **Supplemental hazard information** : EUH066 : Repeated exposure may cause skin dryness or cracking.
 • **Precautionary statements**
 - **General** : P102 : Keep out of reach of children.
 - **Prevention** : P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 : Keep container tightly closed. P240 : Ground/bond container and receiving equipment. P241 : Use explosion-proof electrical/ventilating/lighting/.../ equipment. P261 : Avoid breathing dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area.

SNS E.A. Bond

-

2 Hazards identification (continued)

- **Response** : P304+P340+P315 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice / attention. P303+P361+P353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338+P315 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice / attention. P370+378 : In case of fire, use appropriate media specified by the manufacturer/supplier or the competent authority for extinction, if water increases risk.
- **Storage** : P405 : Store locked up. P403 : Store in a well-ventilated place.
- **Disposal considerations** : P501 : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Symptoms relating to use

- **Inhalation** : Vapours may cause drowsiness and dizziness. Headache. Giddiness.
- **Skin contact** : Prolonged or repeated contact may cause skin to become dry or cracked. Prolonged or repeated skin contact with the material may remove natural oils.
- **Eye contact** : Redness, pain. Blurred vision. Burning sensation. Tears.
- **Ingestion** : Abdominal pain, nausea.
Must not come into contact with food or be consumed.

3 Composition/information on ingredients

- 3.1 Substance / 3.2 Preparation** : Substance.
Ethyl acetate
CAS No :000141-78-6
EC No :205-500-4
Index No :607-022-00-5

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Index No	Registration no	Classification
Ethyl acetate	> 75 %	141-78-6	205-500-4	607-022-00-5	-----	Flam. Liq. 2 (H225) Eye irrit 2 (H319) STOT SE 3 (H336) STOT RE (EUH066)

Contains no other components or impurities which will influence the classification of the product.
Full text of H-statements see chapter 16
Note 1: Listed in Annex IV / V REACH, exempted from registration.
Note 2: Registration deadline not expired.

4 First aid measures

- 4.1 First aid measures**
- **Inhalation** : Assure fresh air breathing. Inhalation of vapour can cause breathing difficulties. Obtain medical attention.
- **Skin/eye contact** : Immediately flush eyes thoroughly with water for at least 15 minutes.
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

SNS E.A. Bond

-

4 First aid measures (continued)

- Ingestion : Rinse mouth. Spit. Seek medical advice (show the label where possible).
- 4.2. Most important symptoms and effects, both acute and delayed** : May cause chemical burns to skin and cornea (with temporary disturbance to vision).

5 Fire-fighting measures

- Flammable class** : This product is flammable.
- 5.1. Extinguishing media** : Large quantity of water. Foam. Dry chemical. Carbon dioxide (CO2).
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Wear proper protective equipment. Use self-contained breathing apparatus when in close proximity to fire.
- 5.2. Special hazards arising from the substance or mixture** : Heavier than air, vapours may travel long distances along ground, ignite and flash back to source.
May form flammable/explosive vapour-air mixture.
- Special procedures** : Exercise caution when fighting any chemical fire.
- 5.3. Advice for fire-fighters** : No data available.

6 Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures**
- Personal precautions** : Evacuate and limit access. Equip cleanup crew with proper protection.
- General precautions** : Eliminate every possible source of ignition. No smoking.
- 6.2. Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
- 6.3. Methods and material for containment and cleaning up**
- Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Dilute residues and flush.
- 6.5 Additional information** : None.

7 Handling and storage

- General** : No naked lights. No smoking.
Store and handle as though always a potential fire and health hazard exists.
- 7.1. Precautions for safe handling**
- Precautions in handling and storage** : Good ventilation of the workplace required.
- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- 7.2. Conditions for safe storage, including any incompatibilities**
- Storage** : Keep in fireproof place. Keep container closed when not in use. Use special care to avoid static electric charges.
- Storage - away from** : Heat sources.

SNS E.A. Bond

-

7 Handling and storage (continued)

- 7.3. Specific end use(s)** : Cosmetic care product.
Technical protective measures : Use only non-sparking tools.

8 Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : Where excessive vapour may result, wear approved mask.
- **Hand protection** : Gloves.
- **Skin protection** : In case of possible repeated skin contact wear protective clothing.
- **Eye protection** : Chemical goggles or safety glasses.
- **Ingestion** : When using, do not eat, drink or smoke.

Industrial hygiene : Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.

- Occupational Exposure Limits** :
- Ethyl acetate : Value 15min. (CZ) [mg/m³] : 900
 - Ethyl acetate : Value 8h (CZ) [mg/m³] : 700
 - Ethyl acetate : MAK (AU) Tagesmittelwert (ml/m³) : 300
 - Ethyl acetate : MAK (AU) Kurzzeitwerte (mg/m³) : 2100
 - Ethyl acetate : MAK (AU) Tagesmittelwert (mg/m³) : 1050
 - Ethyl acetate : MAK (AU) Kurzzeitwerte (ml/m³) : 600
 - Ethyl acetate : TLV© -TWA [ppm] : 400
 - Ethyl acetate : LTEL - UK [ppm] : 200
 - Ethyl acetate : STEL - UK [mg/m³] : 400
 - Ethyl acetate : VME - France [mg/m³] : 1400
 - Ethyl acetate : VME - France [ppm] : 400
 - Ethyl acetate : Arbeitsplatzgrenzwert AGW - Germany [mg/m³] TRGS 900 : 1500
 - Ethyl acetate : AGW - Germany [ppm] : 400
 - Ethyl acetate : Spitzenbegrenzung / Überschreitungsfaktor AGW - Germany TRGS 900 : 2
 - Ethyl acetate : VLA-ED [ppm] : 400
 - Ethyl acetate : VLA-ED [mg/m³] : 1460
 - Ethyl acetate : NGV - [ppm] : 150
 - Ethyl acetate : NGV - [mg/m³] : 500
 - Ethyl acetate : KTV - [ppm] : 300
 - Ethyl acetate : KTV - [mg/m³] : 300
 - Ethyl acetate : Grænserværdier (DK) (ppm) : 150
 - Ethyl acetate : HTP-vården - 8 H - [ppm] : 300
 - Ethyl acetate : HTP-vården - 8 H - [mg/m³] : 1100
 - Ethyl acetate : HTP-vården - 15min - [ppm] : 500
 - Ethyl acetate : Grænserværdier (DK) : 540
 - Ethyl acetate : HTP-vården - 15min - [mg/m³] : 1800
 - Ethyl acetate : GV Value Limit (Norway) [ppm] : 150
 - Ethyl acetate : GV Value Limit (Norway) [mg/m³] : 550
 - Ethyl acetate : 8-Hour TWA (PL) (NDS) (mg/m³) : 200
 - Ethyl acetate : 15-Minute STEL (PL)(NDSCh) (mg/m³) : 600
 - Ethyl acetate : TLV-TWA (Belgium) (ppm) : 400

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

SNS E.A. Bond

-

9 Physical and chemical properties (continued)

Physical state at 20 °C	: Liquid.
Colour	: Colourless.
Odour	: Characteristic.
pH value	: Not applicable.
Molecular weight	: 58.08
Boiling point [°C]	: 77
Density	: No data available.
Vapour pressure mm/Hg	: 73.7
Viscosity	: No data available.
Flash point [°C]	: -4
9.2. Other information	: None.

10 Stability and reactivity

10.1. Reactivity	: Reacts with : Strong oxidizing agents. Fire/explosion hazard.
10.2. Chemical stability	: Stable under normal conditions.
10.3. Possibility of hazardous reactions	: Vapour mixes readily with air, forming explosive mixtures.
10.4. Conditions to avoid	: Overheating.
10.5. Incompatible materials	: Plastic.
10.6. Hazardous decomposition products	: None under normal conditions.

11 Toxicological information

11.1. Information on toxicological effects

Toxicity information	: Irritating to eyes.
Rat oral LD50 [mg/kg]	: No data available.
Rabbit dermal LD50 [mg/kg]	: No data available.
Rat inhalation LC50 [mg/kg]	: No data available.
Rat inhalation LC50 [mg/l/4h]	: No data available.
11.2 On ingredients	
Ethyl acetate	: Rat inhalation LC50 [ppm/4h] : 2750 : Rat oral LD50 [mg/kg] : 4934 : Rabbit dermal LD50 [mg/kg] : < 20000

12 Ecological information

12.1. Toxicity	: Not classified as dangerous preparation/substance.
12.2. Persistence and degradability	: No data available.
12.3. Bioaccumulative potential	: No data available.
BOD5-value [mg/l]	: No data available.

SNS E.A. Bond

-

12 Ecological information (continued)

COD-value [mg/l] : No data available.
LC50-96 Hour - fish [mg/l] : No data available.
48 Hour-EC50 - Daphnia magna [mg/l] : No data available.
IC50 72h Algae [mg/l] : No data available.
12.4. On ingredients
Ethyl acetate : Log P octanol / water at 20°C : 0.73
: BOD5-value [mg/l] : No data available.
: 96 Hour-LC50 - Minnow [mg/l] : 230
: 48 H-LC50 - Daphnia magna [ppm] : 165

13 Disposal considerations

13.1. Waste treatment methods
General : Dispose in a safe manner in accordance with local/national regulations.

14 Transport information

General information

14.1. UN number : 1173
Labelling ADR



: 3 : Flammable liquid.

Land transport

H.I. nr : 33
14.2. UN proper shipping name : UN1173 ETHYL ACETATE, 3, II, (D/E)
14.3. Transport hazard class(es) : 3
14.4. Packing group : II

Sea transport

IMO-IMDG code : Class : 3
- IMO Packing group : II
- IMDG-Marine pollution : NO
- Emergency Schedule (EmS) - Fire : F-E S-D

Air transport

ICAO/IATA : Packaging instructions cargo : 307
: Packaging instructions passenger: 305
- Proper shipping name : ETHYL ACETATE
• Class : 3
- IATA Packing group : II

15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

SNS E.A. Bond

-

15 Regulatory information (continued)

16 Other information

Users of breathing apparatus must be trained.

List of full text of H-statements in section 3. : EUH066 : Repeated exposure may cause skin dryness or cracking.
 H225 : Highly flammable liquid and vapour.
 H319 : Causes serious eye irritation.
 H336 : May cause drowsiness or dizziness.

Further information : None.

The contents and format of this SDS are in accordance with UN GHS regulation

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document