

SNS E.A. Bond

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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.

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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.

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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.

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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

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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.

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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.

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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

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