

Airshield

NSI-114


F : Highly flammable



Xi : Irritant

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : Airshield
Identification of the product : Liquid.
Type of product : Coating.
Use : For professional use only.
Company identification : NAIL SYSTEMS INTERNATIONAL
 2 Union Hill Road
 W. Conshohocken, PA 19428 UNITED STATES
 Tel. (610) 825-1524
Emergency phone nr : Infotrac (800) 535-5053 - Outside USA (352) 323-3500

2 HAZARDS IDENTIFICATION

Risk Phrases : Irritating to eyes, respiratory system and skin.
 Highly flammable.
Dangerous product : In use, may form flammable/explosive vapour-air mixture.
Primary route of exposure : Vapours inhalation.
Symptoms relating to use
 - **Inhalation** : Symptoms of overexposure to vapours include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision.
 - **Skin contact** : Prolonged or repeated contact may cause skin to become dry or cracked.
 - **Eye contact** : Redness, pain. Blurred vision. Burning sensation.
 - **Ingestion** : Abdominal pain, nausea.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product is hazardous.

| Substance name | Contents | CAS No | EC No | Annex No | Classification |
|-------------------------|-------------|-----------|-----------|--------------|---------------------------------|
| MEK | > 40 < 50 % | 78-93-3 | 201-159-0 | 606-002-00-3 | F; R11 R66 R67 Xi; R36 |
| Collodion | > 20 < 30 % | 9004-70-0 | ----- | 603-037-01-3 | F; R11 |
| PROPYL ACETATE | > 10 < 15 % | 109-60-4 | 203-686-1 | 607-024-00-6 | F; R11 R66 R67 Xi; R36 |
| ETHYLHEXYL METHACRYLATE | > 5 < 10 % | 688-84-6 | 211-708-6 | ----- | Xi; R36/37/38 |
| ETHYL ACETATE | > 5 < 10 % | 141-78-6 | 205-500-4 | 607-022-00-5 | F; R11 R66 R67 Xi; R36 |
| BUTYL ACETATE | > 1 < 5 % | 123-86-4 | 204-658-1 | 607-025-00-1 | R10 |

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3 COMPOSITION/INFORMATION ON INGREDIENTS (continued)

| | | | | | R66 R67 |
|--|---|-----------|-----------|-----------|------------|
| OCTADECYL DI-T-BUTYL-4-HYDROXYHYDROCINNAMATE | : | > 1 < 3 % | 2082-79-3 | 218-216-0 | ---- |
| CI 60725 / Violet 2 | : | < 1 % | 81-48-1 | 201-353-5 | ---- |

4 FIRST AID MEASURES

First aid measures

- **Inhalation** : Assure fresh air breathing. Inhalation of vapour can cause breathing difficulties. Obtain medical attention.
- **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.
- **Ingestion** : Rinse mouth. Spit. If swallowed, seek medical advice immediately and show this container or label.

5 FIRE-FIGHTING MEASURES

- Flammable class** : This product is flammable.
- Prevention** : No naked lights. No smoking.
- Extinguishing media** : Water spray. Foam. Dry chemical. Carbon dioxide.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : No naked lights. No smoking. Evacuate and limit access. Equip cleanup crew with proper protection.
- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
- Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7 HANDLING AND STORAGE

- General** : No naked lights. No smoking.
- Precautions in handling and storage** : Good ventilation of the workplace required.
- Technical protective measures** : Use only non-sparking tools. Provide proper grounding.
- 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.
- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas

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7 HANDLING AND STORAGE (continued)

with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Substance name | Contents | CAS No | EC No | Annex No | Classification |
|------------------------------|---|---------|-----------|----------|----------------|
| | | 81-48-1 | 201-353-5 | ----- | |
| - Respiratory protection | : Where excessive vapour may result, wear approved mask. | | | | |
| - Hand protection | : Gloves. | | | | |
| - Skin protection | : Protective clothing not absolutely necessary. | | | | |
| - 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 | : Butanone : ILV (EU) - 8 H - [mg/m ³] : 600 Butanone : ILV (EU) - 8 H - [ppm] : 200 Butanone : ILV (EU) - 15 min - [mg/m ³] : 900 Butanone : ILV (EU) - 15 min - [ppm] : 300 Propyl acetate : TLV [©] -TWA [ppm] : 200 Propyl acetate : TLV [©] -STEL [ppm] : 250 | | | | |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|------------------------------------|
| Physical state at 20 °C | : Liquid. |
| Colour | : Dark violet. |
| Odour | : Solvent. |
| Boiling point [°C] | : 174 |
| Vapour pressure mm/Hg | : @ 20 deg C 42 |
| Solubility in water | : Good. |
| Flash point [°C] | : TCC -5 |
| Flammability range [vol% in air] | : LEL: 2% UEL:11.5% |
| Auto-ignition temperature [°C] | : 404 |
| Other data | : Specific Gravity (Water=1) 0.906 |

10 STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Stability and reactivity | : Stable. |
| Hazardous decomposition products | : None under normal conditions. |
| Hazardous polymerization | : Will not occur. |
| Hazardous properties | : Vapour mixes readily with air, forming explosive mixtures. |
| Materials to avoid | : Strong oxidizers. Strong acids. |
| Conditions to avoid | : Sparks. Open flame. Overheating. |



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11 TOXICOLOGICAL INFORMATION

Toxicity information : No data available.
Rat oral LD50 [mg/kg] : Ingredient Data: MEK - 3400
Collodion >5000
Propyl Acetate - 9370
Rabbit dermal LD50 [mg/kg] : No data available.
Rat inhalation LC50 [ppm] : Ingredient Data: MEK - 8000 ppm / 8 hours

12 ECOLOGICAL INFORMATION

Ecological effects information : 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.

13 DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

Proper shipping name : UN1993 FLAMMABLE LIQUID, N.O.S. (Butanone, Cellulose nitrate), 3, II
UN No. : 1993
H.I. nr : 33
ADR/RID : Special provision : 640D
Group : II
Class : 3

| Substance name | Contents | CAS No | EC No | Annex No | Classification |
|----------------|----------|---------|-----------|----------|----------------|
| | | 81-48-1 | 201-353-5 | ----- | |

15 REGULATORY INFORMATION

Symbol(s) : Xi : Irritant
F : Highly flammable
R Phrase(s) : R11 : Highly flammable.
R36 : Irritating to eyes.
R66 : Repeated exposure may cause skin dryness or cracking.
R67 : Vapours may cause drowsiness and dizziness.
S Phrase(s) : S16 : Keep away from sources of ignition - No smoking.
S35 : This material and its container must be disposed of in a safe way.
S37 : Wear suitable gloves.
S51 : Use only in well-ventilated areas.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

For EU Regulatory Inquiries please contact:
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9 Rue du Moniteur-B-1000
Brussels, Belgium

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