

D-Zolve

NSI-166


Xn : Harmful

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

Trade name : D-Zolve
Identification of the product : Liquid.
Type of product : Solvent.
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 : Harmful if swallowed.
Dangerous product : In use, may form flammable vapour-air mixture. Heating may cause an explosion.
Primary route of exposure : Vapours inhalation.
Symptoms relating to use
 - **Inhalation** : Overexposure to vapours may result in cough. Headache.
 - **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
 - **Eye contact** : Direct contact with the eyes is likely irritating.
 - **Ingestion** : Abdominal pain.

3 COMPOSITION/INFORMATION ON INGREDIENTS

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

Substance name	Contents	CAS No	EC No	Annex No	Classification
NITROMETHANE	> 99 %	75-52-5	200-876-6	609-036-00-7	R10 R5 Xn; R22

4 FIRST AID MEASURES

First aid measures
 - **Inhalation** : Assure fresh air breathing.
 - **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.
 - **Ingestion** : Rinse mouth. Seek medical advice (show the label where possible).

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5 FIRE-FIGHTING MEASURES

Flammable class	: This product is flammable.
Specific hazards	: Heating may cause an explosion. May form flammable/explosive vapour-air mixture.
Prevention	: No naked lights. No smoking.
Extinguishing media	: Dry chemical. Foam. Carbon dioxide. Water spray.
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	: Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary.
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. Dilute residues and flush.

7 HANDLING AND STORAGE

General	: No smoking. Store and handle as though always a serious potential fire/explosion and health hazard exists.
Precautions in handling and storage	: Handle in accordance with good industrial hygiene and safety procedures.
Technical protective measures	: Use only non-sparking tools. Ground well.
Storage	: Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep in fireproof place.
Handling	: Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection	
- Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection	: In case of repeated or prolonged contact wear gloves.
- Skin protection	: No special clothing/skin protection equipment is recommended under normal conditions of use.
- Eye protection	: Eye protection should only be necessary where liquid could be splashed or sprayed.
- 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.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C	: Liquid.
Colour	: Colourless to light yellow.
Odour	: Characteristic.
Molecular weight	: 90.1
Boiling point [°C]	: 101.2
Vapour pressure mm/Hg	: 9.1
Relative density, gas (air=1)	: 3.1
Solubility in water	: Appreciable
Flash point [°C]	: TCC 35
Flammability range [vol% in air]	: LEL: 7.3 UEL: Not Determined
Auto-ignition temperature [°C]	: 418
Other data	: Specific Gravity (water=1) 1.127

10 STABILITY AND REACTIVITY

Hazardous decomposition products	: When heated to decomposition, emits dangerous fumes.
Hazardous reactions	: Reacts with : Copper, Copper Alloys, Strong oxidizing agents.
Hazardous properties	: Above 36°C May form flammable/explosive vapour-air mixture.
Conditions to avoid	: Direct sunlight. Heat. Sparks.

11 TOXICOLOGICAL INFORMATION

Toxicity information	: Harmful if swallowed.
Rat oral LD50 [mg/kg]	: 940
Rabbit dermal LD50 [mg/kg]	: No data available.
Rat inhalation LC50 [mg/l/4h]	: No data available.

12 ECOLOGICAL INFORMATION

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 of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
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14 TRANSPORT INFORMATION

Proper shipping name	: UN1261 NITROMETHANE, 3, II
UN No.	: 1261
H.I. nr	: --
ADR/RID	: Group : II Class : 3



SAFETY DATA SHEET

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Revised edition no : 2

Date : 4 / 28 / 2008

Supersedes : 3 / 4 / 2008

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Substance name	Contents	CAS No	EC No	Annex No	Classification
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15 REGULATORY INFORMATION

Symbol(s)	: Xn : Harmful
R Phrase(s)	: R5 : Heating may cause an explosion. R10 : Flammable. R22 : Harmful if swallowed.
S Phrase(s)	: S2 : Keep out of the reach of children. S41 : In case of fire and/or explosion, do not breathe fumes.

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:
FSE International NV/SA
9 Rue du Moniteur-B-1000
Brussels, Belgium
011 322 277 07 70

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