

**SAFETY DATA SHEET**
SAFE STEP ANTI-SLIP SPRAYPage 1
Issued: 28.3.07
Revision No: 3**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Product name: SAFE STEP ANTI-SLIP SPRAY
Product code: 45000
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: XYLENE 1-10%
EINECS: 215-535-7 CAS: 1330-20-7
[-] R10; [Xn] R20/21; [Xi] R38

- 1-METHOXY-2-PROPANOL 10-30%
EINECS: 203-539-1 CAS: 107-98-2
[-] R10
- ACETONE 10-30%
EINECS: 200-662-2 CAS: 67-64-1
[F] R11; [Xi] R36; [Xi] R66; [-] R67
- DIMETHYL ETHER 10-30%
EINECS: 204-065-8 CAS: 115-10-6
[F+] R12
- ETHYLBENZENE 1-10%
EINECS: 202-849-4 CAS: 100-41-4
[F] R11; [Xn] R20

3. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Obtain medical attention if soreness or redness persists.
Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if you feel unwell.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Mix with sand or vermiculite. Do not use equipment in clean-up procedure which may produce sparks. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: XYLENE

WEL (8 hr exposure limit): 220 mg/m³ WEL (15 min exposure limit): 441 mg/m³

- 1-METHOXY-2-PROPANOL

WEL (8 hr exposure limit): 375 mg/m³ WEL (15 min exposure limit): 560 mg/m³

- ACETONE

WEL (8 hr exposure limit): 1210 mg/m³ WEL (15 min exposure limit): 3620 mg/m³

- DIMETHYL ETHER

WEL (8 hr exposure limit): 766 mg/m³ WEL (15 min exposure limit): 958 mg/m³

- ETHYLBENZENE

WEL (8 hr exposure limit): 441 mg/m³ WEL (15 min exposure limit): 552 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Various

Odour: Characteristic odour

Evaporation rate: Fast

Solubility in water: Slightly soluble

Boiling point/range°C: -22

Flash point°C: -41

Relative density: 0.86

VOC g/l: 670

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Sources of ignition. Hot surfaces. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** XYLENE
ORL MUS LD50 2119 mg/kg
ORL RAT LD50 4300 mg/kg
SCU RAT LD50 1700 mg/kg
- 1-METHOXY-2-PROPANOL
IVN RAT LD50 4200 mg/kg
ORL MUS LD50 11700 mg/kg
ORL RAT LDLO 3739 mg/kg
 - ACETONE
IVN RAT LD50 5500 mg/kg
ORL MUS LD50 3 gm/kg
ORL RAT LD50 5800 mg/kg
 - ETHYLBENZENE
IPR MUS LD50 2624 µl/kg
ORL RAT LD50 3500 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1950 **ADR Class:** 2
Classification code: 5F
Shipping name: AEROSOLS
Labelling: 2.1

IMDG / IMO

UN no: 1950 **Class:** 2
EmS: F-D,S-U **Marine pollutant:** .
Labelling: 2.1

IATA / ICAO

UN no: 1950 **Class:** 2
Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols: Extremely flammable.



Risk phrases: R12: Extremely flammable.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S16: Keep away from sources of ignition - No smoking.
S37: Wear suitable gloves.
S23: Do not breathe spray.
S51: Use only in well-ventilated areas.
S35: This material and its container must be disposed of in a safe way.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: EC Directive 1999/45/EC relating to the classification, packaging and labelling of dangerous preparations.
EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.
EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.

Risk phrases used in s.2: R10: Flammable.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.
R11: Highly flammable.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
R12: Extremely flammable.
R20: Harmful by inhalation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.