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SAFETY DATA SHEET

Toolstation Glue Screws Adhesive

Reference : 0088.1/DB(JR)
Grade : 609A
Date : 23.09.2004
Replaces : 04-09-2003

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

Product name : Toolstation Glue Screws Adhesive
Use of the product : Construction adhesive for building and industry.
Supplier : See above
Emergency phone number : 01226 771600 (after working hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Mixture based on rubber, resins, fillers, solvents and additives.

Hazardous ingredients $\geq 1\%$ and toxic ingredients $\geq 0.1\%$	CAS Number	Einesc Number	Weight %	Danger Symbol	Risk Phrases
Petroleum distillates (<5% n-hexane)	64742-49-0	265-151-9	10-15	F, Xn, N	11-39-51/53-65-67
Toluene	108-88-3	303-625-9	1-10	F, Xn	11-20
Zinc dibutyl dithiocarbamate	136-23-2	205-232-8	0,10-0,99	Xi, N	43-36/37/38-50/53

3. HAZARDS IDENTIFICATION

Potential health effects : Highly flammable
May cause allergic reaction in susceptible people
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

Eyes : In case of contact flush eyes immediately with plenty of water for at least 15 minutes.
Lift eyelids and rinse well underneath them. Get medical attention if irritation persists.
Mouth (ingestion) : Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.
Lungs (inhalation) : Fresh air and rest. Get medical attention if complaint persists.
Skin : Remove completely with a dry cloth or paper towel, before washing with detergent and water.
Get medical attention if irritation persists.
Clothes : Remove polluted clothing.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO₂, powder and foam .
Unsuitable extinguishing media : Do not use water jets.
Special firefighting procedures : Wear protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Keep away from drains and watercourses.
Clean up procedures : Wipe, scrape or soak up in inert material and put in a container for disposal.
Personal precautions : Wear proper protective equipment as described in the 'eye and skin protection' section of chapter 8.

7. HANDLING AND STORAGE

Handling : Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.
Storage : Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit : Petroleum distillates (<5% n-Hexane) : Exposure limit 300 ppm
Toluene : OES / LTEL 50 ppm OES / STEL 150 ppm
Zinc dibutyl dithiocarbamate : Unknown
Respiratory protection : Avoid breathing the vapor. Maintain good ventilation.
Eye and skin protection : Avoid contact with skin and eyes. Wear safety glasses.
Industrial hygiene : When using do not eat, drink or smoke. Wash hands after work and before breaks.
Don't rub eyes with dirty hands.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Paste (300.000mPas)	Flash point (cc)	: -16	°C
Colour	: Beige	Lower explosion limit	: Unk	vol-%
Odour	: solvent	Upper explosion limit	: Unk	vol-%
Density (water=1)	: 1,3	Ignition temperature	: Unk	°C
pH (water=7)	: NA	Vapour pressure (air=1)	: 2-3	
Boiling point (water =100)	: 65-111	Mixable with water	: No	
Freezing point (water = 0)	: Unk	Mixable with organic solvents	: Yes	
		VOC-content	: 17	Weight-%

10. STABILITY AND REACTIVITY

Hazardous decomposition products	: No hazardous reactions known if used for its intended purpose.
Materials to avoid	: Keep away from organic peroxides
Conditions to avoid	: Keep away from sources of ignition

11. TOXICOLOGICAL INFORMATION

Product information	toluene
Acute oral LD50 (mg/kg)	: 5000 (rat)
Acute dermal LD50 (mg/kg)	: 12124 (rabbit)
Acute inhalation LC50 (mg/l)	: 5320

Other information: Prolonged skin contact will result in defatting of the skin, leading to irritation and in some cases dermatitis.

For information on hazardous substances see 'chapter' 2. See also chapter 3.

12. ECOLOGICAL INFORMATION

Avoid uncured product will come in the environment.

Degradability	: Unknown
Ecotoxicity	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
WGK (Germany)	: 2

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local legislation. This material and/or its container must be disposed of as hazardous waste.

14. TRANSPORT INFORMATION

By sea according IMDG-Code	: Class 3, Pack. Group III, Ems 3-05
By land according ADR	: Class 3, Item no. 3F1, Tremcard 30G30
By air according ICAO/IATA-DGR	: Class 3, Packing group III
UN-number	: 1133
Proper shipping name	: Adhesives / Lijmen

15. REGULATORY INFORMATION

To the labeling requirements of EC Directives 67/548/EC and 1999/45/EC:

Danger symbol	: F Highly flammable
Contains	: Not applicable
R-phrases	: 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases	: 2 Keep out of reach of children.
	: 16 Keep away from sources of ignition – No smoking.
	: 23 Do not breath vapour.
	: 46 If swallowed, seek medical advice immediately and show this container or label.
	: 51 Use only in well-ventilated areas.
For DIY user	: Tactile warning applicable

16. OTHER INFORMATION

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC.

This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made.

The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

NA	: Not Applicable
Unk	: Unknown
DIY	: Do It Yourself