

SAFETY DATA SHEET
Siroflex Glue Screws Super Strength
0039.8.S 16.03.11 Replaces: 15.11.10

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

PRODUCT NAME Siroflex Glue Screws Super Strength
SUPPLIER Siroflex Limited
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2 HAZARDS IDENTIFICATION

Highly flammable. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of harm to the unborn child.
CLASSIFICATION (1999/45) Xn;R48/20. Repr. Cat. 3;R63. Xi;R38. F;R11. R52/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
ALIPHATIC HYDROCARBON	265-151-9	64742-49-0	10-30%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
HEXANE-norm	203-777-6	110-54-3	< 1%	F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67 N;R51/53
TOLUENE	203-625-9	108-88-3	10-30%	F;R11 Repr.Cat.3;R63 Xn;R48/20,R65 Xi;R38 R67

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once.

INGESTION

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. If conscious, give 1 pint of water to drink immediately. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Contact physician if irritation continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Obtain medical attention and bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases. Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

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SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Provide good ventilation.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
HEXANE-norm	WEL	20 ppm	72 mg/m ³			
TOLUENE	WEL	50 ppm(Sk)	191 mg/m ³ (Sk)	100 ppm(Sk)	384 mg/m ³ (Sk)	

WEL = Workplace Exposure Limit.

ENGINEERING MEASURES

Provide adequate ventilation. Ensure that lighting and electrical equipment are not sources of ignition.

RESPIRATORY EQUIPMENT

If exposure limits are likely to be exceeded, use a full face mask fitted with an organic filter for short term exposures. For long term or high level exposures, or when spraying, compressed airline breathing apparatus should be used.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Viton or 4H

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station.

SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Pink		
ODOUR	Characteristic		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	65	RELATIVE DENSITY	1.28
EVAPORATION RATE	fast	VISCOSITY	viscous
FLASH POINT (°C)	-30	AUTO IGNITION	200
		TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	0.6	FLAMMABILITY LIMIT - UPPER(%)	7

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION

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INHALATION

Vapours irritate the respiratory system, and may cause coughing and difficulties in breathing.

INGESTION

May cause soreness and redness of mouth and throat.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Irritation of eyes and mucous membranes.

Name	TOLUENE
Toxic Dose 1 - LD 50	6900 mg/kg (oral rat)
Toxic Dose 2 - LD 50	2 mg/kg (oral-mouse)

Toxicological information

This material is very toxic.

OTHER HEALTH EFFECTS

Possible Risk of impaired male and female fertility.

12 ECOLOGICAL INFORMATION

MOBILITY

Readily absorbed into soil.

BIOACCUMULATION

Biogradable in part only.

Name	TOLUENE
	ALIPHATIC HYDROCARBON

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	Adhesives		
UN NO. ROAD	1133	UK ROAD PACK GR.	ii
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	ii	TUNNEL RESTRICTION CODE	(D)
HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).	RID CLASS NO.	3
RID PACK GROUP	ii	UN NO. SEA	1133
IMDG CLASS	3	EMS	F-S, S-D
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	ii		

15 REGULATORY INFORMATION

LABELLING

Siroflex Glue Screws Super Strength



Harmful



Highly Flammable

CONTAINS

ALIPHATIC HYDROCARBON

TOLUENE

RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.

SAFETY PHRASES

S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
S9	Keep container in a well-ventilated place.

16 OTHER INFORMATION

DATE 21 December 2010

RISK PHRASES IN FULL

R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable.
R38	Irritating to skin.
R63	Possible risk of harm to the unborn child.
R62	Possible risk of impaired fertility.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.