

SAFETY DATA SHEET

Product Name:	QUIKSTEEL EPOXY PASTE WHITE (17502EU)	SDS Reference	
Version No. 3	Previous issue date 30-04-2010	Revision date	25-08-2015

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product identifier	Quiksteel Epoxy Paste White (17502EU)
1.2 Use (s)	Plastic Reinforced Repair Paste
1.3 SDS Supplier	Winplus Europe Limited The Officers' Mess, Royston Road, Duxford, Cambs, UK CB22 4QH Competent Person E-mail: customerservice@winplus-europe.com
1.4 Emergency Telephone	01223 919711 (UK office hours, 09.00-17.00)
	Telephone +44 (0)1223 919711

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE PRODUCT

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Skin Irrit. 2 H315
Repr. 2 H361fd
Aquatic Chronic 2 H411

2.1.2 Additional information

For text of hazard statements, see section 16

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s):



Signal word

WARNING

**Hazard
statement(s)**

H315 CAUSES SKIN IRRITATION.
H361fd SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS,

**Precautionary
statement(s)**

P201 OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
P273 AVOID RELEASE TO THE ENVIRONMENT.
P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
P302+P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
P308+P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.
P501 DISPOSE OF CONTENTS/CONTAINER TO HAZARDOUS OR SPECIAL WASTE COLLECTION SITE IN ACCORDANCE WITH LOCAL / REGIONAL / NATIONAL OR INTERNATIONAL REGULATIONS

**2.3 Other
hazards**

THE PREPARATION CONTAINS SUBSTANCES THAT HAVE A WORKPLACE EXPOSURE LIMIT (WEL)

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation MIXTURE IN A PASTE

Hazardous Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
BARIUM SULPHATE	7727-43-7	231-784-4	Not classified *WEL ASSIGNED	30-50%
TALC	14807-96-6	238-877-9	Not classified *WEL ASSIGNED	15-30%
CALCIUM CARBONATE	1317-65-3	215-279-6	Not classified *WEL ASSIGNED	5-15%
NONYLPHENOL	25154-52-3	246-672-0	Acute Tox. 4 H302; Skin Corr. 1B H314; Aquatic Acute 1 H400; Aquatic Chronic 1 H410	1-5%
SILICA, AMORPHOUS, FUMED, CRYST-FREE	112945-52-5	NOT ASSIGNED	Not classified *WEL ASSIGNED	1-5%
2,4,6-TRIS(DIMETHYLAMINO METHYL)PHENOL	90-72-2	202-013-9	Acute Tox. 4 H302; Skin Irrit. 2 H315; Eye Irrit. 2 H319	1-5%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Remove casualty to fresh air. If necessary, seek medical advice.
Skin contact	Immediately clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides; if necessary, seek medical advice.
Ingestion	If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.

4.2 Most important effects/symptoms None known

4.3 Immediate/special treatment Treatment as described above. Those inhaling decomposition products should be kept under observation for 48 hours.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder).
5.2 Special hazards	Decomposition products released in a fire (e.g. oxides of carbon, sulphur and nitrogen, metal oxides) should be considered as probably harmful if inhaled.
5.3 Advice for fire fighters	Wear self-contained breathing apparatus. Avoid run-off water entering the drains (e.g. use barriers)

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Adhere to personal protective measures (see sections 7 and 8).
6.2 Environmental precautions	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up as appropriate, e.g. sweep or vacuum up, into tightly closed containers. Label container and dispose of as prescribed.
6.4 Reference to other sections	See section 8 for personal protective equipment.

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7. HANDLING & STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice. Keep container tightly closed. Store in original container. Keep away from incompatible substances.
7.2 Conditions for safe storage	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry. Store in original container away from incompatible materials.
7.3. Specific end use(s)	Steel reinforced repair putty

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2011).		
	LTEL (8 hour TWA):	1 mg/m ³	Data for Talc, respirable dust
	LTEL (8 hour TWA):	10 mg/m ³	Data for barium sulphate, inhalable dust
	LTEL (8 hour TWA):	4 mg/m ³	Data for barium sulphate, respirable dust
	LTEL (8 hour TWA):	10 mg/m ³	Data for calcium carbonate, inhalable dust
	LTEL (8 hour TWA):	14 mg/m ³	Data for calcium carbonate, respirable dust
	LTEL (8 hour TWA):	6 mg/m ³	Data for silica, amorphous, inhalable dust
	LTEL (8 hour TWA):	2.4 mg/m ³	Data for silica, amorphous, respirable dust

8.2 Exposure controls

Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Avoid inhalation, and contact with eyes and skin Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles (EN 166)
Skin protection	Chemical resistant, impervious gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Approved respirator (e.g. EN 166) if ventilation is insufficient.
Other protection	Protective overall



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Paste
Colour	White
Odour	Characteristic
Odour Threshold	Not determined
pH	Not determined

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9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling pt / range	Not determined
Melting pt / range	Not determined
Flash point	Not determined °C
Flammability	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not applicable
Auto-ignition temperature	Not determined
Decomposition temp.	Not applicable
Relative density	Not determined
Viscosity	Not determined
Vapour pressure	Not determined
Vapour density	Not applicable
Water solubility	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log_{Oct/water}	Not determined
9.2 Other information	None known

10. STABILITY & REACTIVITY

10.1 Reactivity	Stable under normal conditions of handling
10.2 Chemical stability	Stable
10.3 Hazardous reactions	Hazardous polymerisation does not occur.
10.4 Conditions to avoid	Avoid exposure during pregnancy.
10.5 Incompatible material	None known
10.6 Hazardous decomposition products	None known

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	580	mg/kg	Data for nonylphenol
	LD ₅₀ rabbit (derm)	2140	mg/kg	Data for nonylphenol
	LD ₅₀ rat (oral)	ca.2000	mg/kg	Data for 2,4,6-tris(dimethylaminomethyl)phenol
	LD ₅₀ rabbit (derm)	1280	mg/kg	Data for 2,4,6-tris(dimethylaminomethyl)phenol
Dermal compatibility	Not determined but likely to be irritant			
Mucous membrane compatibility	Not determined			
Further information	May damage fertility and the unborn child (based on animal data)			

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12. ECOLOGICAL INFORMATION

12.1 Toxicity	EC ₅₀	Daphnia magna	32	mg/l	Data for barium sulphate (48hrs)
	LC ₅₀	Fish (bluegill, rainbow trout, fathead minnow)	100-250	µg/l	Data for nonylphenol (96hrs)
	EC ₅₀	Daphnia magna	100-200	µg/l	Data for nonylphenol (48hrs)
12.2 Degradability	Not determined				
12.3 Bioaccumutive potential	Low, LogP _{ow} :	Not determined			
12.4 Mobility in soil	Not determined				
12.5 PBT/vPvB assessment	No data available				
12.6 Other adverse effects	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once. (Product is toxic to aqueous environment.)				

13. DISPOSAL CONSIDERATIONS

Advice on disposal	In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	UN3077
14.2 Proper shipping name (ADR, IMDG, IATA)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (NONYLPHENOL)
14.3 Transport class(s) (ADR, IMDG, IATA)	9
14.4 Packing group (ADR, IMDG, IATA)	III
14.5 Environmental hazards (ADR, IMDG, IATA)	The product SHOULD be marked as a marine pollutant.
14.6 Special procedures	Not applicable
14.7 Transport in bulk	Not applicable



15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in according with Regulation (EC) No 1272/2008 and Regulation (EC) No 1907/2006, on the basis of available information for the ingredients from supplier safety data sheets
15.2 Chemical safety assessment	Not applicable

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16. OTHER INFORMATION

Further information The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

Hazard statements referred to in sections 2/3

H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H361fd: Suspected of damaging fertility or the unborn child
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects,

Sources of data Other suppliers' safety data sheets, ECHA C&L Inventory, EH40 (2011)

Date of issue 25-08-2015

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties. The user has the responsibility to satisfy himself as to the suitability of the information for his own specific use.

Data sheet prepared by Rising HS&E Services.