



1.0 Identification of the substance / preparation and the company / undertaking

1.1	Product Name Epomax Resin.
1.2	Product Code VER 10.3.
1.3	Use of the substance/preparation Chemical fixing.
1.4	Supplier ITW Construction Products Fleming Way Crawley West Sussex RH10 9DP England
1.5	Emergency Telephone Number 44 (0) 1293 523372

2.0 Hazards identification

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site.
This preparation is not classed as hazardous to health by directive 1999/45/EC.

3.0 Composition / information on ingredients

Full text of risk phrases appearing in section 3: see section 16.

3.1	Hazardous substances present on their own (Present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state). This preparation contains no hazardous substance in this category.
3.2	Other substances representing a hazard No known substance in this category present.
3.3	Substances present at a concentration below the minimum danger threshold INDEX / CAS / EC / Name / Symb. / R: / % - / 25013-15-4 / 246-562-2 / VINYLTOLUENE / Xn / 10 36/37/38 20 / 10 <= x % < 25
3.4	Other substances with occupational exposure limits INDEX / CAS / EC / Name / Symb. / R: / % - / 1317-65-3 / 215-279-6 / LIMESTONE / - / - / 2.5 <= x % < 10 - / 14808-60-7 / 238-878-4 / QUARTZ (SI02) / - / - / 50 <= x % < 100

4.0 First aid measures

4.1	General information As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person.
4.2	In the event of exposure by inhalation In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes. If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor. Do not give the patient anything orally.
4.3	In the event of splashes or contact with eyes Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.
4.4	In the event of splashes or contact with skin Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. DO NOT use solvents or thinners.
4.5	In the event of swallowing In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

5.0 Fire fighting measures

	Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.
5.1	Suitable extinguishing media In the event of fire, use specifically suitable extinguishing agents. Never use water.
5.2	Extinguishing media which must not be used for safety reasons Do not breathe in smoke. Prevent the effluent of fire-fighting measures from entering drains or waterways.
5.3	Special protective equipment for fire-fighters Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus. Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6.0 Accidental release measures

6.1	Personal precautions Consult the safety measures listed under headings 7 and 8.
6.2	Environmental precautions Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.
6.3	Methods for cleaning up Clean preferably with a detergent, do not use solvents.

7.0 Handling and storage

	The regulations relating to storage premises apply to workshops where the product is handled.
7.1	Handling Handle in well-ventilated areas.
7.2	Fire prevention Prevent access by unauthorised personnel.
7.3	Recommended equipment and procedures Packages which have been opened must be reclosed carefully and stored in an upright position.
7.4	Storage The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

8.0 Exposure controls / personal protection

	Use personal protection equipment as per Directive 89/686/EEC.
8.1	Technical measures In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes. Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction. If this ventilation is insufficient to maintain the concentration of particles and dust below the exposure limits, wear breathing apparatus. Avoid inhaling dust. Personnel shall wear regularly laundered overalls. If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus
8.2	Exposure limit values per INRS ED 984 France / VME-ppm: / VME-mg/m3: / VLE-ppm: / VLE-mg/m3: / Notes: / TMP N°: 25013-15-4 / 50 / 240 / - / - / - / - / - 14808-60-7 / - / 0.1 A / - / - / - / - / 25 1317-65-3 / - / 10 / - / - / - / - / -
8.3	Exposure limit values (2003-2006) Germany/AGW / AGW: / AGW: / Faktor: / Bemerkungen: 25013-15-4 / 100 ml/m3 / 490 mg/m3 / 2(l) / DFG UK/OES / TWA: / STEL: / Ceiling: / Definition: / Criterion: 25013-15-4 / 100 ppm / 150 ppm / - / - / - UK/WELs / TWA: / STEL: / Ceiling: / Definition: / Criterion: 14808-60-7 / 0.3 mg/m3 / - / - / - / R



UK/MEL / TWA: / STEL: / Ceiling: / Definition: / Criterion:
14808-60-7 / 0.3 mg/m³ / - / - / - / R

Switzerland / VME-mg/m³: / VME-ppm: / VLE-mg/m³: / VLE-ppm: / Temps: / RSB:
25013-15-4 / 240 mg/m³ / 50 ppm / 480 mg/m³ / 100 ppm / 4x15 / -
14808-60-7 / 0.15 A mg/m³ / - / - / - / - / -
1317-65-3 / 3 A mg/m³ / - / - / - / - / -

ACGIH/TLV / TWA: / STEL: / Ceiling: / Definition: / Criterion:
25013-15-4 / 50 ppm / 100 ppm / - / - / -
14808-60-7 / 0.05 mg/m³ / - / - / - / R

8.4 Respiratory protection:
Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

8.5 Hand protection:
Protective creams may be used for exposed skin, but they should not be applied after contact with the product.
In the event of prolonged or repeated contact with the hands, use appropriate gloves.

8.6 Eye and face protection
Use eye protectors designed to protect against liquid splashes.

9.0 Physical and chemical properties

9.1 General information:

Physical state Viscous liquid

9.2 Important health, safety and environmental information:

pH of the substance or preparation Not relevant
The pH is impossible to measure or its value is not relevant.

Flash point interval 55°C < Flash point <= 60°C

Flash point 56.00 °C

Vapour pressure Below 110 kPa (1.10 bar)

Density > 1

Water solubility Insoluble

9.2 Other information:

Self ignition temperature 490°C

10.0 Stability and reactivity

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide.

11.0 Toxicological information

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage.

In the event of dust formed by mechanical action (sanding, sawing, etc..), this dust may cause irritation by inhalation and contact with eyes.

Other data

CAS 25013-15-4 : IARC Groupe 3 (The agent is not classifiable as to its carcinogenicity to humans).

12.0 Ecological information

No ecological data on the product itself is available.

Other adverse effects

Germany: WGK 2 (VwVwS vom 17/05/99, KBws).

13.0 Disposal considerations

Do not pour into drains or waterways.

13.1 Waste
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

13.2 Soiled packaging
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

14.0 Transport information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

UN3269 = POLYESTER RESIN KIT.

14.1 ADR/RID

Class:	3
Code:	F1
Pack gr.:	III
Label:	3
Ident.:	-
LQ:	LQ7
Provis:	236 340
EQ:	E0
Cat.:	3
Tunnel:	E

*Not subject to this regulation if Q < 450l

14.2 IMDG

Class:	3
2° Label:	-
Pack gr.:	III
LQ:	5 L
EMS:	F-E,S-D
Provis:	236 340
EQ:	See SP340

*Not subject to this regulation if Q < 30l

14.3 IATA

Class:	3	3
2° Label:	-	-
Pack gr.:	III	III
Passager:	312	Y312
Passager:	5 kg	1 kg
Cargo:	312	-
Cargo:	5 kg	-
Note:	A66 A163	A66 A163
EQ:	-	-

15.0 Regulatory information

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations.
In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
In addition directive 2009/2/EC with the 31° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
In addition Regulation (EC) No 1272/2008 have been taken into account.
This preparation is not classed as hazardous to health by directive 1999/45/EC.
This product is not classed as flammable.

Particular provisions

Germany: WGK 2 (VwVwS vom 17/05/99, KBws).

16.0 Other information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.



Full text of risk phrases appearing in section 3:

R10 Flammable.
R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.

This safety data sheet has been produced according to EC No 1907/2006

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Further advice and assistance can be obtained from the ITW Construction Products Technical Helpline:

UK Freephone: 0800 731 4924
ROI Freephone: 1 800 882 388

