

Health and Safety Information

Polyester Styrene Free Resin Fixing Paste

I. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND THE COMPANY / UNDERTAKING

I.1 Product Identifier / name: Zetacartridge No2 Polyester Resin Styrene Free.

I.2 Relevant identified uses of the substance: Resin

I.3 Details of the supplier:

Adawall Ltd

Registered No 11056982

Garner Street Business Park, Garner Street, Etruria, Stoke-On-Trent, ST4 7BH

www.adawall.co.uk

I.4 Emergency telephone number: +44 (0) 8452 238 801

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards. Human health. Not classified. Environment. Not Classified.

Classification (1999/45/EEC) XN;R65. Xi;R36/38. The full text for all R- phrases and hazard statements are displayed in section 16.

Physical and chemical hazards. When handled correctly, undamaged units represent no danger.

2.2 Label elements.



Warning

Precautionary Statements: P280. Wear protective gloves/clothing/eye/face protection. If on skin wash with plenty of soap and water.
P305+351+338: If in eyes rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Mixtures: Ethenylmethylbenzene CAS-No.:25013-15-4 EC No.:246-562-2 10-20%

Classification (EC 1272/2008)

Acute Tox.4 – H332 Xn:R20

Skin Irrit. 2 – H315 R10

Eye Irrit. 2 – H319

Benzoyl Peroxide CAS-No.:94-36-0 EC No.:202-327-6

Classification (EC 1272/2008) (67/548/EEC)

Org. Perox. B – H241. E;R3

Eye Irrit. 2 – H319 O;R7

Skin Sens. 1- H317 Xi;R36,R43

4 FIRST AID MEASURES

Skin Contact. In case of skin contact wipe off mechanically, and wash afflicted areas with soap and water.

Eye Contact. Rinse carefully and thoroughly with water and seek medical attention

Inhalation. Move to fresh air, rest, half upright position, loosen clothing.

Ingestion Do Not induce vomiting. Rinse mouth. Seek medical attention

5 FIRE FIGHTING MEASURES

5.1 Extinguishing Media. Dry powder, carbon dioxide or foam.

5.2 Advise to firefighters. Avoid breathing fire vapour.

6. ACCIDENTAL RELEASE MEASURES

6.1 Environmental Precautions. Do not discharge into drains. Scrape up and place into suitable containers for disposal.

6.2 Personal Precaution. Wear protective clothing as described in section 8.

7. HANDLING AND STORAGE

Handling. Keep away from sources of ignition and heat. Ensure adequate ventilation. Avoid contact with skin and eyes.

Storage. Store in a cool, well ventilated place away from direct sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection. Provide adequate ventilation. In enclosed areas an organic vapour mask will be required if the exposure limit is exceeded.

Skin Protection. Wear suitable protective clothing at all times.

Eye Protection. Not usually required but goggles or face protection can be worn.

Exposure control limits

Dibenzoyl peroxide-5mg/m³. (8 Hours)

Protective Equipment.



9. PHYSICAL AND CHEMICAL PROPERTIES

Resin

Catalyst

Appearance	Thick beige paste	Thick grey paste
Odour	Aromatic	Faint
Density	1.65g/cm ³	1.19g/cm ³
Flash Point	Not determined	Above the SADT
Explosive/Oxidising Properties	Not determined	Oxidising
Solubility	Not applicable	Soluble in water
Autoflammibility	Not determined	380 degrees C

10. STABILITY AND REACTIVITY

10.1 Stability.

Product is stable and non reactive whilst in cartridge. The catalyst undergoes self accelerating decomposition at and above 50 Degrees C. The resin can solidify exothermically if heated, exposed to sunlight or air.

10.2 Conditions to avoid. Resin reacts with strong oxidizing agents and peroxides. Catalyst reacts with acids, alkalis,

reducing agents and heavy metals. Avoid contacts with peroxide accelerators.

10.3 Materials to avoid. Organic peroxides / hydroperoxides.

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

11. TOXICOLOGY INFORMATION

11.1 Resin. An LD50 (rat) is 2255mg/kg. In high concentration it can be irritant to both eyes and skin, which may cause redness and can induce dizziness and tiredness.

11.2 Catalyst. Material is classed as a sensitizer and may cause sensitivity to the skin.

12. ECOLOGICAL INFORMATION

Do not discharge into drains or the environment. Not regarded as dangerous for the environment.

13. Disposal conditions

13.1. Residues and empty containers should be taken care of as hazardous waste according to national provisions.

14. TRANSPORT

UN No. 1866. Proper Shipping name. Resin Solution. Packing Group III.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulation specific for the substance or mixture.

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Evaluation, Authorisation and Restriction of Chemicals (REACH) establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 200/21/EC, including amendments.

16. OTHER INFORMATION

16.1 Risk phrases in full.

R20 Harmful by inhalation

R36/37/38 Irritating to eyes, respiratory system and skin

R43 May cause sensitization by skin contact

16.2 Hazard statement in full

H315 Causes an allergic skin reaction

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H332 Harmful if inhaled

H335 May cause respiratory irritation

The product should be stored, handled, used and disposed of in accordance with the above guidelines. Users should consider the information as a guideline only and should make their own considerations when using the product in terms of suitability and safety. It should not be construed as guaranteeing specific properties.