

ITW Performance Polymers

SAFETY DATA SHEET MA832 ACTIVATOR

1. Identification

Product identifier

Product name MA832 ACTIVATOR

Recommended use of the chemical and restrictions on use

Application Activator.

Details of the supplier of the safety data sheet

Supplier ITW Performance Polymers
Bay 150
Shannon Industrial Estate
Co. Clare
Ireland
V14 DF82
353(61)771500
353(61)471285
customerservice.shannon@itwpp.com

Emergency telephone number

Emergency telephone +44(0)1235 239 670 (24h)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Skin Irrit. 2 - H315 Skin Sens. 1 - H317
Environmental hazards Aquatic Chronic 3 - H412

Label elements

Hazard symbols



Signal word Warning

Hazard statements
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

MA832 ACTIVATOR

Precautionary statements	<p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains BENZOYL PEROXIDE, EPOXY RESIN (Number average MW <= 700)

3. Composition/information on ingredients

Mixtures

BENZOYL PEROXIDE CAS number: 94-36-0	10-30%
Classification Org. Perox. B - H241 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	
EPOXY RESIN (Number average MW <= 700) CAS number: 25068-38-6	10-30%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Get medical attention immediately. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Indication of immediate medical attention and special treatment needed

MA832 ACTIVATOR

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Oxides of carbon. Oxides of nitrogen.

Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapors and contact with skin and eyes.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

Reference to other sections For waste disposal, see section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 0°C and 40°C. Store away from incompatible materials (see Section 10).

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Exposure controls

Protective equipment



MA832 ACTIVATOR

Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The selected gloves should have a breakthrough time of at least 8 hours. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation.
Other skin and body protection	Wear chemical protective suit.
Hygiene measures	Provide eyewash station and safety shower. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapor filter. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Viscous liquid.
Color	Grey.
Odor	Slight.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	1.0-1.25 @ °C
Solubility(ies)	Slightly soluble in water.
Auto-ignition temperature	Not determined.
Other information	Not available.
Volatile organic compound	This product contains a maximum VOC content of <50 g/litre.

10. Stability and reactivity

Reactivity	The following materials may react violently with the product: Strong oxidizing agents.
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MA832 ACTIVATOR

Stability	Unstable.
Possibility of hazardous reactions	Not known.
Conditions to avoid	Avoid heat. Avoid contact with the following materials: Strong oxidizing agents. Avoid contact with acids and alkalis.
Materials to avoid	Strong alkalis. Strong oxidizing agents. Strong acids.

11. Toxicological information

Information on toxicological effects

Inhalation	Irritating to respiratory system. Vapors may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing.
Ingestion	May cause internal injury. Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. Gastrointestinal symptoms, including upset stomach.
Skin Contact	Irritating to skin. Prolonged and frequent contact may cause redness and irritation. May cause sensitisation by skin contact.
Eye contact	Irritating to eyes. Repeated exposure may cause chronic eye irritation.
Acute and chronic health hazards	The product contains an epoxy resin. May cause sensitization or allergic reactions in sensitive individuals.
Route of exposure	Inhalation Ingestion. Skin and/or eye contact
Target Organs	Eyes Skin Respiratory system, lungs

Toxicological information on ingredients.

BENZOYL PEROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 7,710.0

Species Rat

ATE oral (mg/kg) 7,710.0

12. Ecological information

Ecotoxicity	The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
Toxicity	Not determined.
<u>Persistence and degradability</u>	
Persistence and degradability	The degradability of the product is not known.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	Not determined.
<u>Mobility in soil</u>	
Mobility	The product is miscible with water and may spread in water systems.

MA832 ACTIVATOR

Other adverse effects

Other adverse effects Not known.

13. Disposal considerations

Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) No information required.

UN proper shipping name

Proper shipping name (International) No information required.

Transport hazard class(es)

Transport Labels (International) No information required.

Transport labels

No transport warning sign required.

Packing group

Packing group (International) No information required.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

No information required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information required.

15. Regulatory information

16. Other information

Revision date 4/12/2021

Revision 12

Supersedes date 4/5/2018

MA832 ACTIVATOR

Hazard statements in full

H241 Heating may cause a fire or explosion.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.