

# SAFETY DATA SHEET

## EPIREZ EPOXY GROUT AGGREGATE EXTENDER [QA30]

Infosafe No.: HXVNZ  
ISSUED Date : 27/06/2017  
ISSUED by: ITW POLYMERS AND FLUIDS

### 1. IDENTIFICATION

#### GHS Product Identifier

EPIREZ EPOXY GROUT AGGREGATE EXTENDER [QA30]

#### Company Name

ITW POLYMERS AND FLUIDS (ABN 63 004 235 063)

#### Address

100 Hassall Street Wetherill Park  
NSW 2164 Australia

#### Telephone/Fax Number

Tel: +61 2 9757 8800

Fax: +61 2 9757 3855

#### Emergency phone number

1800 385 556 / 0438 465 960

#### Emergency Contact Name

(02) 9652-1713 A/HRS

#### Recommended use of the chemical and restrictions on use

Use according to manufacturer's directions.

#### Other Names

Name	Product Code
Graded sand	

#### Additional Information

Chemical Name: graded sand

Emergency telephone number

Emergency telephone numbers: 1800 039 008; 0800 2436 2255

Other emergency telephone numbers: +61 3 9573 3112

#### EMERGENCY RESPONSE

Primary Number: 1800 039 008

Alternative Number 1: 1800 039 008

Alternative Number 2: +612 9186 1132

Once connected and if the message is not in your preferred language then please dial 01

### 2. HAZARD IDENTIFICATION

#### GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

#### Signal Word (s)

NOT APPLICABLE

**Hazard Statement (s)**

Not Applicable

**Precautionary Statement (s)**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

**Precautionary statement – Prevention**

Not Applicable

**Precautionary statement – Response**

Not Applicable

**Precautionary statement – Storage**

Not Applicable

**Precautionary statement – Disposal**

Not Applicable

**Other Information**

Classification: Not Applicable

Label elements

GHS label elements: Not Applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

---

**Information on Composition**

Substances

See section below for composition of Mixtures

NOTE: Manufacturer has supplied full ingredient information for assessment.

**Ingredients**

Name	CAS	Proportion
Graded sand	14808-60-7.	100 %

### 4. FIRST-AID MEASURES

---

**Inhalation**

If fumes, aerosols or combustion products are inhaled remove from contaminated area.

Other measures are usually unnecessary.

**Ingestion**

Immediately give a glass of water.

First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin**

If skin or hair contact occurs:

Flush skin and hair with running water (and soap if available).

Seek medical attention in event of irritation.

**Eye contact**

If this product comes in contact with eyes:

Wash out immediately with water.

If irritation continues, seek medical attention.

Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Indication of immediate medical attention and special treatment needed if necessary**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

---

### **Suitable Extinguishing Media**

There is no restriction on the type of extinguisher which may be used.  
Use extinguishing media suitable for surrounding area.

### **Specific Methods**

Alert Fire Brigade and tell them location and nature of hazard.  
Wear breathing apparatus plus protective gloves in the event of a fire.  
Prevent, by any means available, spillage from entering drains or water courses.  
Use fire fighting procedures suitable for surrounding area.

### **Specific Hazards Arising From The Chemical**

Fire Incompatibility: None known.

### **Fire/Explosion Hazard**

Non combustible.  
Not considered a significant fire risk, however containers may burn.

### **Decomposition Temperature**

Not Available

## 6. ACCIDENTAL RELEASE MEASURES

---

### **Clean-up Methods - Small Spillages**

Clean up all spills immediately.  
Avoid contact with skin and eyes.  
Wear impervious gloves and safety glasses.  
Use dry clean up procedures and avoid generating dust.

### **Clean-up Methods - Large Spillages**

Clear area of personnel and move upwind.  
Alert Fire Brigade and tell them location and nature of hazard.  
Control personal contact with the substance, by using protective equipment and dust respirator.  
Prevent spillage from entering drains, sewers or water courses.

### **Other Information**

Personal Protective Equipment advice is contained in Section 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) of the SDS.

## 7. HANDLING AND STORAGE

---

### **Precautions for Safe Handling**

Safe handling  
Limit all unnecessary personal contact.  
Wear protective clothing when risk of exposure occurs.  
Use in a well-ventilated area.  
Avoid contact with incompatible materials.

### **Other information**

Store in original containers.  
Keep containers securely sealed.  
Store in a cool, dry area protected from environmental extremes.  
Store away from incompatible materials and foodstuff containers.

### **Conditions for safe storage, including any incompatibilities**

Suitable container  
Check that containers are clearly labelled  
Packaging as recommended by manufacturer.

### **Storage incompatibility**

Avoid contamination of water, foodstuffs, feed or seed.

None known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

### Occupational exposure limit values

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source: Australia Exposure Standards

Ingredient: graded sand

Material name: Silica - Crystalline

TWA: Not Available

STEL: Not Available

Peak: Not Available

Notes: Not Available

Source: Australia Exposure Standards

Ingredient: graded sand

Material name: Quartz (respirable dust)

TWA: 0.1 mg/m<sup>3</sup>

STEL: Not Available

Peak: Not Available

Notes: Not Available

Source: Australia Exposure Standards

Ingredient: graded sand

Material name: Quartz (respirable dust)

TWA: 0.1 mg/m<sup>3</sup>

STEL: Not Available

Peak: Not Available

Notes: Not Available

### EMERGENCY LIMITS

Ingredient: graded sand

Material name: Silica, crystalline-quartz; (Silicon dioxide)

TEEL-1: 0.075 mg/m<sup>3</sup>

TEEL-2: 33 mg/m<sup>3</sup>

TEEL-3: 200 mg/m<sup>3</sup>

Ingredient: graded sand

Original IDLH: N.E. mg/m<sup>3</sup> / N.E. ppm

Revised IDLH: 50 mg/m<sup>3</sup>

### Appropriate Engineering Controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

### Respiratory Protection

Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)

### Eye Protection

Safety glasses with side shields

Chemical goggles.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.

### **Hand Protection**

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Personal hygiene is a key element of effective hand care.

Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present.

polychloroprene.

nitrile rubber.

butyl rubber.

Wear general protective gloves, eg. light weight rubber gloves.

### **Personal Protective Equipment**

Other protection

No special equipment needed when handling small quantities.

OTHERWISE:

Overalls.

Barrier cream.

Eyewash unit.

### **Thermal Hazards**

Not Available

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

---

### **Form**

Solid - Powder

### **Appearance**

Odourless white to off-white crystalline powder; does not mix with water.

### **Odour**

Not Available

### **Decomposition Temperature**

Not Available

### **Boiling Point**

Not Available

### **Solubility in Water**

Immiscible

### **pH**

Not Available (as supplied)

Not Available as a solution (1%)

### **Vapour Pressure**

Not Available

### **Vapour Density (Air=1)**

Not Available

### **Evaporation Rate**

Not Available

### **Physical State**

Divided Solid

### **Odour Threshold**

Not Available

### **Viscosity**

Not Available

**Volatile Component**

Not Available

**Partition Coefficient: n-octanol/water**

Not Available

**Surface tension**

Not Applicable

**Flash Point**

Not Applicable

**Flammability**

Not Applicable

**Auto-Ignition Temperature**

Not available.

**Explosion Limit - Upper**

Not Available

**Explosion Limit - Lower**

Not Available

**Explosion Properties**

Not Available

**Molecular Weight**

Not Available

**Oxidising Properties**

Not Available

**Relative density**

>1

**Melting/Freezing Point**

Not Available

**Other Information**

Taste: Not Available

Gas group: Not Available

VOC g/L: Not Available

## 10. STABILITY AND REACTIVITY

---

**Reactivity**

See section 7 (HANDLING AND STORAGE)

**Chemical Stability**

Product is considered stable and hazardous polymerisation will not occur.

**Conditions to Avoid**

See section 7 (HANDLING AND STORAGE)

**Incompatible materials**

See section 7 (HANDLING AND STORAGE)

**Hazardous Decomposition Products**

See section 5 (FIREFIGHTING MEASURES)

**Possibility of hazardous reactions**

See section 7 (HANDLING AND STORAGE)

## 11. TOXICOLOGICAL INFORMATION

---

**Toxicology Information**

## EPIREZ EPOXY GROUT AGGREGATE EXTENDER [QA30]

### TOXICITY

Not Available

### IRRITATION

Not Available

Graded sand

### TOXICITY

Not Available

### IRRITATION

Not Available

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.\* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

## GRADED SAND

No significant acute toxicological data identified in literature search.

Acute Toxicity: Data Not Available to make classification

### **Ingestion**

The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.

### **Inhalation**

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

### **Skin**

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

### **Eye**

Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may cause transient discomfort characterised by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result.

### **Skin corrosion/irritation**

Data Not Available to make classification

### **Serious eye damage/irritation**

Data Not Available to make classification

### **Mutagenicity**

Data Not Available to make classification

### **Respiratory sensitisation**

Data Not Available to make classification

### **Skin Sensitisation**

Data Not Available to make classification

### **Carcinogenicity**

Data Not Available to make classification

### **Reproductive Toxicity**

Data Not Available to make classification

### **STOT-single exposure**

Data Not Available to make classification

### **STOT-repeated exposure**

Data Not Available to make classification

### **Aspiration Hazard**

Data Not Available to make classification

### Chronic Effects

Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis, caused by particles less than 0.5 micron penetrating and remaining in the lung.

## 12. ECOLOGICAL INFORMATION

---

### Ecological information

Toxicity

NOT AVAILABLE

Ingredient: EPIREZ EPOXY GROUT AGGREGATE EXTENDER [QA30]

Endpoint: Not Available

Test Duration (hr): Not Available

Effect: Not Available

Value: Not Available

Species: Not Available

BCF: Not Available

Ingredient: graded sand

Endpoint: Not Available

Test Duration (hr): Not Available

Effect: Not Available

Value: Not Available

Species: Not Available

BCF: Not Available

### Persistence and degradability

Persistence: Water/Soil: No Data available for all ingredients

Persistence: Air: No Data available for all ingredients

### Mobility

No Data available for all ingredients

### Bioaccumulative Potential

No Data available for all ingredients

## 13. DISPOSAL CONSIDERATIONS

---

### Waste Disposal

Product / Packaging disposal

Recycle wherever possible or consult manufacturer for recycling options.

Consult State Land Waste Management Authority for disposal.

Bury residue in an authorised landfill.

Recycle containers if possible, or dispose of in an authorised landfill.

## 14. TRANSPORT INFORMATION

---

### U.N. Number

None Allocated

### UN proper shipping name

None Allocated

### Transport hazard class(es)

None Allocated

### Other Information

Labels Required

Marine Pollutant: NO

HAZCHEM: Not Applicable



Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS  
Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS  
Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code  
Ingredient  
Epirez Epoxy Grout Aggregate Extender [QA30]

## 15. REGULATORY INFORMATION

---

### Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

GRADED SAND(14808-60-7.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards

Australia Hazardous Substances Information System - Consolidated Lists

Australia Inventory of Chemical Substances (AICS)

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

National Inventory: Canada - NDSL

Status: Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) (graded sand)

National Inventory: China - IECSC

Status: All ingredients are on the inventory

National Inventory: Europe - EINEC / ELINCS / NLP

Status: All ingredients are on the inventory

National Inventory: Japan - ENCS

Status: Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) (graded sand)

National Inventory: Korea - KECI

Status: All ingredients are on the inventory

National Inventory: New Zealand - NZIoC

Status: All ingredients are on the inventory

### Poisons Schedule

N/A

### Australia (AICS)

All ingredients are on the inventory

### Philippines (PICCS)

All ingredients are on the inventory

### USA (TSCA)

All ingredients are on the inventory

## 16. OTHER INFORMATION

---

### User Codes

User Title Label	User Codes
Task #	24328
Transcription Sign Off	24328 TC 18122017

### Other Information

Version No: 3.1.1.1

Safety Data Sheet according to WHS and ADG requirements

Initial Date: Not Available

S.GHS.AUS.EN

Other means of identification: Not Available

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average

PCC-STEL: Permissible Concentration-Short Term Exposure Limit

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit

IDLH: Immediately Dangerous to Life or Health Concentrations

OSF: Odour Safety Factor

NOAEL :No Observed Adverse Effect Level

LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value

LOD: Limit Of Detection

OTV: Odour Threshold Value

BCF: BioConcentration Factors

BEI: Biological Exposure Index

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

## END OF SDS

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

The compilation of SDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any SDS displayed is permitted for personal use only and otherwise is not permitted. In particular the SDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of SDS without the express written consent of Chemical Safety International Pty Ltd.