



SAFETY DATA SHEET
EXPANSION JOINT COMPOUND RED & GREY RESIN

1. Identification

Product identifier

Product name EXPANSION JOINT COMPOUND RED & GREY RESIN

Product number 3284U 3286U

Recommended use of the chemical and restrictions on use

Application Resin.

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
 mail@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 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 2 - H361fd

Environmental hazards Aquatic Chronic 2 - H411

Human health

The product contains an epoxy resin. May cause sensitization or allergic reactions in sensitive individuals.

Label elements

Pictogram



Signal word

Danger

EXPANSION JOINT COMPOUND RED & GREY RESIN

Hazard statements	<p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <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>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 If exposed or concerned: Get medical advice/ attention.</p> <p>P310 Immediately call a poison center/ doctor.</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>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Contains	EPOXY RESIN (Number average MW <= 700), GAMMA-BUTYROLACTONE, 4-NONYLPHENOL, Branched
Other hazards	

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

EPOXY RESIN (Number average MW <= 700)	10-30%
CAS number: 25068-38-6	
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
GAMMA-BUTYROLACTONE	5-10%
CAS number: 96-48-0	
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
STOT SE 3 - H336	

EXPANSION JOINT COMPOUND RED & GREY RESIN

4-NONYLPHENOL, Branched	1-5%
CAS number: 84852-15-3	
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Repr. 2 - H361fd Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

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

4. First-aid measures

Description of first aid measures

General information	Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Inhalation	Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin Contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. 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. Get medical attention if irritation persists after washing.

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.
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Indication of immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide or dry powder.
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Special hazards arising from the substance or mixture

Specific hazards	Irritating gases or vapors.
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Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapors. Keep up-wind to avoid fumes. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

EXPANSION JOINT COMPOUND RED & GREY RESIN

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage.

Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

Methods and material for containment and cleaning up

Methods for cleaning up 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 Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

Precautions for safe handling

Usage precautions Use only in well-ventilated areas. Keep away from heat, sparks and open flame. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid eating, drinking and smoking when using the product. Good personal hygiene procedures should be implemented.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. 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

Ingredient comments No exposure limits known for ingredient(s).

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

Hand protection

Wear protective gloves made of the following material: Rubber or plastic. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The selected gloves should have a breakthrough time of at least 8 hours.

Other skin and body protection

Wear chemical protective suit.

EXPANSION JOINT COMPOUND RED & GREY RESIN

Hygiene measures	Provide eyewash station and safety shower. Keep away from food, drink and animal feeding stuffs. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using the product.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Gas filter, type A2. 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	Red.
Odor	Slight.
pH	pH (concentrated solution): 7 @ 20 °C
Melting point	N/D°C
Initial boiling point and range	>204.4°C @
Flash point	> 204.4°C PMCC (Pensky-Martens closed cup).
Evaporation rate	<<1 (BuAc=1)
Vapor pressure	3mmHg @ °C
Vapor density	>1
Relative density	1.22 @ 20 °C°C
Solubility(ies)	Slightly soluble in water.
Auto-ignition temperature	>250°C
Other information	Not available.

10. Stability and reactivity

Reactivity	Strong oxidizing agents. Acids. Amines.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.
Materials to avoid	Avoid contact with the following materials: Strong oxidizing agents. Strong acids. Amines.
Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Vapours/gases/fumes of: Acids - organic. Aldehydes.

11. Toxicological information

EXPANSION JOINT COMPOUND RED & GREY RESIN

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 5,000.0

Inhalation No significant hazard at normal ambient temperatures. Heating may generate the following products: Irritating gases or vapors.

Ingestion May cause discomfort if swallowed.

Skin Contact Irritating to skin. Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact. May cause sensitization or allergic reactions in sensitive individuals.

Eye contact Irritating to eyes. A single exposure may cause the following adverse effects: Corneal damage.

Acute and chronic health hazards The product contains an epoxy resin. May cause sensitization or allergic reactions in sensitive individuals.

12. Ecological Information

Ecotoxicity Avoid release to the environment. 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 considered toxic to fish.

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility Do not discharge into drains or watercourses or onto the ground.

Other adverse effects

Other adverse effects Not available.

13. Disposal considerations

Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

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

Waste class 08 04 99

14. Transport information

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

UN Number

No information required.

EXPANSION JOINT COMPOUND RED & GREY RESIN

UN proper shipping name

No information required.

Transport hazard class(es)

Transport labels

No transport warning sign required.

Packing group

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	4/6/2018
Revision	14
Supersedes date	5/31/2017
Hazard statements in full	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361fd Suspected of damaging fertility. Suspected of damaging 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.

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.