

MATERIAL
 SAFETY DATA SHEET

REV1-2019

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product MAXCRETE 600 Expansion Joint Filler - Base Component

 Company Name Maxkote Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients Mixture of Epoxy Resin and reactive diluent

Name	EC No	CAS -No	Content	Symbol	R Phrase
Bisphenol A=Epichlorhydrin Resin with no. average M.W.=700	500-006-8	028064-14-4	34-42%	Xi,N	R36/38 R43 R51 R53
Bisphenol F = Epoxy Resin		9003-36-5	14-20%	Xi N	R36/38 R43 R51 R53
C ₁₂ -C ₁₄ aliphatic Glycidyl Ether		68609-97-2	6-12%	Xi,N	R36/38 R43 R51 R53

3. HAZARDS IDENTIFICATION

Main Hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Not classified as flammable but will burn.

4. FIRST AID MEASURES

Skin contact Remove contaminated clothing immediately. Rinse affected skin with copious amounts of soap and water. If persistent irritation occurs obtain medical attention.

Eye contact Immediately flush eyes with running water for at least 15 minutes without interruption. Seek medical advice.

Ingestion DO NOT induce vomiting. If rapid recovery does not occur obtain medical attention. No specific measures. Remove to fresh air in case of indisposition.

Inhalation

5. FIRE-FIGHTING MEASURES

Extinguishing media Dry powder, Carbon Dioxide, Water spray.

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Exposure hazards Carbon Monoxide may be evolved if incomplete combustion occurs.
Protection of fire-fighters Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid skin, eye and clothing contact. Provide sufficient ventilation during use.
Environmental or precautions Prevent from entering sewer system, surface water or soil. Prevent from spreading into drains, ditches rivers by using sand, earth or other appropriate barriers
Clean-up procedures Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed Shovel up and place in a labelled, sealable container for subsequent disposal.

7. HANDLING AND STORAGE

Handling requirements Use in well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin, eyes and clothing.
Storage conditions Avoid temperatures below 5°C.
Suitable packaging Store at ambient temperatures.
Must only be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures Ensure there is sufficient ventilation of the area.
Hand protection
Eye protection Protective gloves of PVC or rubber.
Skin protection Mono-goggles.
Standard issue work clothes. Safety boots/shoes; chemical resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES

State Liquid.
Colour As indicated on product label
Odour Slight
Solubility in water Negligible
Density Flash 1.20 – 1.36/cm³@20°C.
point °C >200°C

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions. Thermal decomposition not applicable under normal conditions.
Temperatures above 95°C.
Conditions to avoid Acids, Strong Oxidising Agents, and Caustic Soda.
Materials to avoid Carbon Dioxide, Carbon Monoxide.
Haz. Decomposition Products

11. TOXICOLOGICAL INFORMATION

Ingestion LD50 Acute oral toxicity in rats: >2000mg/kg.
Eye Contact Eye irritation tested in rabbits: Irritant

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Skin Contact Skin irritation tested in rabbits: Irritant
 Mutagenicity Negative Ames test.

12. ECOLOGICAL INFORMATION

Mobility Readily absorbed into soil. Prevent contamination of soil, drains or surface water. Bioaccumulative potential Material sinks in water and has the potential to Bio-accumulate.
 Other adverse effects Not readily Bio-degradable (Sturm Test), Toxic to aquatic organisms

13. DISPOSABLE CONSIDERATIONS

Recover or recycle if possible.
 Otherwise dispose to licensed disposal contractor.

14. TRANSPORT INFORMATION

ADR/RID

UN no	3082	ADR Class	9
Packing Group	III	Classification code	C11
Proper Shipping Name	Environmentally Hazardous Substance, Liquid n.o.s (Bisphenol A Epoxy Resins)	Risk no	90

IMDG/IMO

UN no	3082	Class	9
Packing Group Marine	III	EmS	F-A S-F
Pollutant	Y	Labelling	9

IATA/ICAO

UN no	3082	Class	9
Packing Group Labelling	III 9	Packing Instruction	914 (cargo/passenger aircraft)

15. REGULATORY INFORMATION

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Hazard Symbol	Xi, Irritant. N, Dangerous to the environment.
Risk Phrases	R36/38, Irritating to eyes and skin. R43, May cause sensitization by skin contact. R51, Toxic to aquatic organisms R53, May cause long-term adverse effects in the aquatic environment.
Safety Phrases	S24, Avoid contact with skin. S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28, After contact with skin, wash immediately with soap and water. S37/39, Wear suitable protective clothing, gloves, and eye/face protection. S61, Avoid release to the environment.

16. OTHER INFORMATION

Other information Read in conjunction with the appropriate CURING AGENT component Material Safety Data Sheet.

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Maxkote Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.