

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERFLEX 700 GG HARDENER**
Other name: None allocated
Product code: -
Recommended use: Part of a two-component high performance elastomeric joint sealant.
Company: BASF Construction Chemicals Australia Pty Ltd.
ABN: 46 000 450 288
Address: 11 Stanton Road,
Seven Hills, NSW, 2147, Australia
Telephone number: +61 2 8811 4200
Facsimile: +61 2 8811 3299
Company: BASF Construction Chemicals New Zealand Ltd.
Address: 45 William Pickering Drive,
Albany, Auckland,
New Zealand
Telephone number: +64 9 414 7233
Facsimile: +64 9 414 7244
Emergency telephone number: 0417 658 263,

2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC
Hazard designation: C - Corrosive
Health hazards: Vapour is severe eye irritant. Liquid can cause severe or permanent eye damage. Skin irritant, may cause sensitisation in some individuals. Ingestion can cause irritation, nausea, vomiting and diarrhoea. Inhalation can cause severe irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name	CAS Number	Proportion
Curative component based on manganese dioxide		to 100%

4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting. Contact doctor immediately. Rinse mouth and give a glass of water.
Eyes: While holding eyes open, gently flood with plenty of fresh water for at least 30 minutes. Seek immediate medical attention.
Skin: Remove all contaminated clothing. Wash contacted area thoroughly with soap and plenty of water. Avoid solvents. Seek medical advice in event of irritation.
Inhalation: Remove to fresh air. Supply oxygen and/or artificial respiration as needed. Seek medical assistance as needed particularly in case of allergic response.

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Advice to doctor: Treat symptomatically. Allergic response as dermatitis or asthma-like symptoms/wheezing may occur after a single significant exposure and sensitisation may occur after single or multiple minor exposures, depending on the individual.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, CO₂ and dry chemical.
Hazards from combustion products: In case of fire oxides of carbon, nitrogen and other toxic gases are formed.
Precautions and equipment for fire fighters: Fire fighters should wear self-contained breathing apparatus in enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate personal protection and ensure adequate ventilation.
Methods for clean up / collecting: Absorb with dry inert filler (soil or sand). Do not sweep up or wash down with water.
Environmental precautions: Do not discharge into drains, sewers and waterways.

7. HANDLING AND STORAGE

Handling: Keep containers tightly closed when not in use. Use only in well ventilated conditions.
Requirements for storage rooms: Keep dry and preferably keep cool.
Storage incompatibilities: Keep separate from oxidising materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Use only in well ventilated areas. Use mechanical mixing equipment and provide long handled brush for washing tools.

Personal protective equipment

Respiratory protection: Use respiratory equipment in accordance to local safety requirements.
Hand protection: Wear gloves or suitable protective creams.
Eye protection: Wear safety glasses, which comply with local standards.
Clothing: Light protective clothing.
Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown paste with organic compound odour.
Boiling point (°C): > 150
Melting point (°C): Not applicable
Vapour pressure @ 25°(kPa): Not determined

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Specific gravity @25°C: 1.70 – 1.90
Flash point (°C): Not assigned
pH: ca. 11
Viscosity: Not determined

10. STABILITY AND REACTIVITY

Hazard of use/storage: Stable under normal storage and application temperature.
Materials to avoid: Avoid oxidising materials.
Hazardous decomposition products: Oxides of sulfur and other carbonaceous by-products.
Hazardous reactions: When heated above 100°C, oxidation reaction with decomposition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (lethal dose)

LD50 (oral) Albino rat

Dose: Not determined
Additional information: Not determined

LC50 (inhalation) Albino rat

Dose: Not determined
Additional information: Not determined

Acute toxicity (irritation, sensitisation, etc.)

Eye irritation (Albino rat)

Result: Not determined
Symptoms: Not determined
Method: Not applicable

Skin irritation (Albino rat)

Results: Not determined
Symptoms: Not determined
Method: Not applicable

Delayed or chronic toxicological effects

Additional information: Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

LC50 dose: Not determined

Additional information

Ecotoxicity: Do not allow to absorb into soil. Prevent discharge into drains and waterways.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local and governmental regulations. Cured resin and hardener can be disposed to land fill.

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14. TRANSPORT INFORMATION

UN number:	None allocated
Dangerous goods class:	None allocated
Subsidiary risk:	None allocated
EPG card:	None allocated
Shipping name:	None allocated
Packing group:	None allocated
Poisons schedule:	None allocated
Hazchem code:	None allocated

15. REGULATORY INFORMATION

Risk phrase(s):	None allocated
Safety phrase(s):	None allocated

16. OTHER INFORMATION

Reason for issue: Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.