

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product name: **MASTERFLEX 610 ADHESIVE**

Other name: None

Product code: 50704188

Recommended use: Adhesive for Masterflex waterproofing membranes.

Company: BASF Construction Chemicals Australia Pty Ltd. BASF Construction Chemicals New Zealand Ltd.  
ABN 46 000 450 288

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**2. HAZARDS IDENTIFICATION**

Hazard classification: HAZARDOUS SUBSTANCE. DANGEROUS GOODS  
Hazardous substance according to the criteria of NOHSC  
Dangerous goods for transport according to the ADG code

Risk phrase(s): R38, R65, R67

Safety phrase(s): S2, S24  
For full explanation of R and S phrases, see Section 15.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Synthetic rubber based adhesive.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Solvent blend	Nil	30 - 60%
Synthetic rubber blend	Nil	To 100%

All ingredients listed on AICS.

**4. FIRST AID MEASURES**

Inhalation: Use in well ventilated areas. If inhalation occurs, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek immediate medical attention.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Remove contaminated clothing. Remove excess from skin mechanically. Wash contacted areas thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before re-use.

Ingestion: Not a normal route of injury. Do not induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do NOT give anything by mouth to an unconscious person.

Information for physicians: Treat symptomatically. Allergic response such 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 Powder.

Hazards from combustion products: Oxides of carbon and nitrogen, chlorine and other toxic gases.

Precautions and equipment for fire fighters: Self contained breathing apparatus.

Hazchem code: 3[Y]E

## 6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Spills should be contained by absorbing with dry inert filler (eg vermiculite, sand or soil), which can then be collected/removed mechanically by shovelling into appropriately labelled drums. Disposal should be effected by an approved waste disposal organisation according to local regulations. Minor residues can be left to dry out and cure to a hard film.

Environmental precautions: Do not discharge into sewers or waterways.

## 7. HANDLING AND STORAGE

Precautions for safe handling and storage: Avoid sources of extreme heat and ignition sources. Keep away from oxidising materials. Store under cover in a dry situation. Keep containers sealed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Ventilation is recommended under normal use conditions. If ventilation is inadequate the use of forced air ventilation or exhaust systems are recommended. State regulations on speed and direction of airflow away from operators must be observed. Do not use in confined spaces without approved respiratory protection. Keep containers closed when not in use.

Personal Protective Equipment (PPE): It is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilised for handling this product.

Respiratory protection: Type A1 if ventilation inadequate

Glove type (AS2161): Impervious gloves e.g. nitrile rubber gauntlets or solvent resistant gloves.

Eye protection: Chemical worker's goggles or a face shield or safety glasses.

Clothing: No special clothing required but overalls or other suitable industrial clothing which provides full skin coverage are suggested as a general precaution, especially where heavy contamination is likely.

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**

<u>Appearance:</u>	Translucent brown liquid.
<u>Odour:</u>	Aromatic solvent and synthetic rubber.
<u>pH:</u>	Not applicable.
<u>Specific gravity:</u>	ca 0.80 at 20 °C
<u>Viscosity:</u>	3800 – 5200 mPa.s
<u>Solubility in water:</u>	Insoluble.
<u>Boiling point:</u>	> 100 °C
<u>Flash point:</u>	4 °C.
<u>Evaporation rate:</u>	Highly volatile.
<u>Explosive limits:</u>	LEL: 1.3 % UEL: 7.1 %

**10. STABILITY AND REACTIVITY**

<u>Chemical stability:</u>	Stable under normal storage and usage temperatures. Not sensitive to mechanical impact.
<u>Incompatible materials:</u>	Avoid heat and sources of ignition. Oxidising materials.
<u>Hazardous decomposition products:</u>	None known under normal storage conditions. During a fire, possibly oxides of carbon and nitrogen.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

**11. TOXICOLOGICAL INFORMATION**Effects of Overexposure

<u>Inhalation:</u>	Not applicable.
<u>Eyes:</u>	Mechanical irritation only.
<u>Skin contact:</u>	No irritant effect known however repeated or prolonged skin contact should always be avoided.
<u>Skin absorption:</u>	No effects known.
<u>Ingestion:</u>	No adverse effects expected, however large amounts may cause nausea and vomiting.  LD50 - Oral - Albino Rat 5000 mg/kg (Toluene)
<u>Chronic:</u>	There have been no reports in the literature of health effects in workers arising from long-term exposure to this material and no comprehensive human studies have been conducted.

**12. ECOLOGICAL INFORMATION**

<u>Ecology:</u>	Do not discharge into sewers or waterways.
<u>Marine pollutant:</u>	No data available.

## 13. DISPOSAL CONSIDERATIONS

Disposal method and containers: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

Special precautions for landfill or incineration: Normally suitable for disposal at approved land waste site.

## 14. TRANSPORT INFORMATION

UN number: 1133

UN proper shipping name: ADHESIVES containing flammable liquid

Dangerous goods class: 3

Subsidiary risk: None allocated.

EPG card: 3A1

Packing group: III

Hazchem code: 3[Y]E

Poisons schedule: 5.

## 15. REGULATORY INFORMATION

Risk phrase(s):

- R11 Highly flammable.
- R20 Harmful by inhalation.
- R38 Irritating to skin.
- R65 Harmful, may cause lung damage if inhaled.
- R67 Vapours may cause drowsiness or dizziness.

Safety phrase(s):

- S2 Keep out of reach of children.
- S9 Keep container in a well ventilated place.
- S16 Keep away from sources of ignition.
- S24 Avoid contact with skin.
- S25 Avoid contact with eyes.
- S33 Take precautionary measures against static discharges.

## 16. OTHER INFORMATION

Reason for issue: New product in range.

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.