ROOF & GUTTER SILICONE

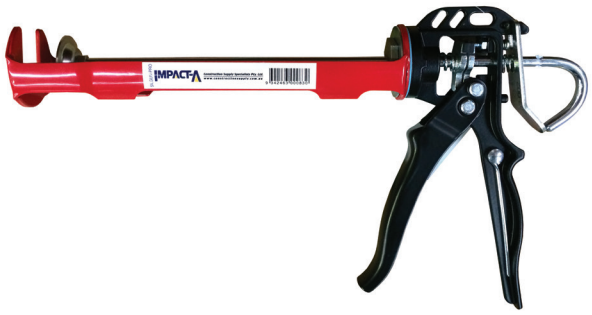
Translucent
Size 300g NET

IMPACT-A
ROOF & GUTTER SILICONE
•Neutral Cure •Non Corrosive •Interior/Exterior
•Ideal for sealing roofs & rainwater systems
TRANSLUCENT 300g NET

IMPACT-A Roof & Gutter silicone is a premium quality, neutral cure sealant specially formulated for sealing sheet metal, aluminium roofing and guttering, and other common building materials. With joint movement capability (+/- 25), it is ideal for general plumbing use. Approved for use in contact with potable water, meets (AS4020-2005).

Sealing and weatherproofing roofing, guttering, flashing, wall cladding, rainwater accessories, interior/exterior plumbing applications, downpipes and PVC plastic fittings. We always recommend that adhesion tests are carried out prior to application.

Associated Products: Impact-A Caulking Gun



IMPACT-A

MATERIAL SAFETY DATA SHEET

SECTION 1 – SUPPLIER IDENTIFICATION

Product Name	IMPACT-A - SILICONE TRANSLUCENT
Product Code	7317864228
Company Name:	H.B. FULLER COMPANY (ABN 003 638 435)
Address:	16-22 Red Gum Drive Dandenong South Victoria, 3175 Australia
Telephone / Fax Number:	+61 3 9357 4228 Tel: Customer Service Toll Free Numbers: Australia 1800 423 855; New Zealand: 0800 555 072
	AUS: 1800 033111 (or IDD +61 3 9663 2130), **NZ: 0800 734 607 (Or IDD +64 473 4607)**
Recommended Use	Multipurpose neutral cure silicone used by the construction industry for weather proofing and waterproofing. Apply directly from cartridge using a caulking gun and tool off with a trowel.
Other Information	This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since H.B. Fuller Company Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the 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.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:

Not classified as hazardous Australia:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC). Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand:
Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land. HSNO Classification:

6.3B - Substance that is mildly irritating to the skin
6.4A - Substance that is irritating to the eyes
6.5B - Substance that is a contact sensitiser
6.7B - Substance that is a suspected human carcinogen
9.2C - Substance that is harmful in the soil environment
9.4A - Substance that is very ecotoxic to terrestrial invertebrates

Hazard statement codes:
H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H423 Harmful to the soil environment.
H441 Very toxic to terrestrial invertebrates.

Precautionary statement codes - Prevention:
P103* Read label before use. -This statement applies only where the substance is available to the general public.

P104 Read Safety Data Sheet before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mist/vapours/spray*.

P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment. -
P280 Wear protective gloves/protective clothing/eye protection/face protection*.

Precautionary statement codes - Response:
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P391 Collect spillage.

EYES
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SKIN
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary statement codes - Storage:
P405 Store locked up.

Precautionary statement codes - Disposal:
P501 *In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description ofone or more appropriate and achievable methods for the disposal ofa substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Dimethyl siloxane, hydroxy-terminated	70131 - 67 - 8	30 - 60 %		
	Distillates (petroleum), Hydrotreated Middle	64742 - 46 - 7	10 - 30 %		
	3- Aminopropyltriethoxy silane	919 - 30 - 2	0 - < 1 %		
	Methyl Ethyl Ketoxime	96 - 29 - 7	0 - < 1 %	Xi	R36, R43
	Ingredients determined not to be hazardous		Balance		

SECTION 4 – FIRST AID MEASURES

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, water spray, foam or dry chemical.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of nitrogen, silicon dioxide, formaldehyde, hydrocarbons, carbon monoxide and carbon dioxide.
Specific Hazards	Combustible paste.

Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. If possible contain the spill. Use clean non-sparking tools scrape up or wipe up and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Use only in a well ventilated area. Keep sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep sealed when not in use. Prevent exposre to moisture and air. Ensure that storage conditions comply with applicable local and national regulations.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material. As with all chemicals, exposure should be kept to the lowest possible levels.
Biological Limit Values	No biological limits allocated.
Engineering Controls	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A thick translucent paste.	Vapour Density	Not Applicable
Odour	Mild characteristic	(Air=1) Volatile Component	220 g/L (According to Californian South Coast Air Quality Management rule 1168)
Melting Point	Not Applicable	Flash Point	Not Applicable
Boiling Point	Not Applicable	Flammability	Combustible Paste
Solubility in Water	Insoluble	Auto-Ignition Temperature	Not Applicable
Specific Gravity	0.97	Flammable Limits - Lower	Not Applicable
pH Value	Not Applicable	Flammable Limits - Upper	Not Applicable
Vapour Pressure	Not Applicable		

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, moisture and exposure to air. Exposure to moisure (or air) will cause product to cure and emit acetic acid vapor.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of nitrogen, silicon dioxide, formaldehyde, hydrocarbons, carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this product.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system, and drowsiness.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May be irritating to skin. The symptoms may include redness, itching and swelling. May cause sensitisation by skin contact. Repeated exposure may cause skin dryness and cracking.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Chronic Effects	Inhalation of vapors may cause injury to blood and liver.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	Toxicity data: LC50(96h)(fish) >100 mg/L
Persistence / Degradability	Not Available
Mobility	Insoluble in water.
Environ. Protection	Do not discharge this material into waterways, drains and sewers.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Transport Information	Australia: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) New Zealand: Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

SECTION 15 – REGULATORY INFORMATION

Regulatory Information	Not classified as hazardous
	Australia: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
National and or International	New Zealand: Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Regulatory Information	Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006 HSNO Approval Number: HSR002679.
HSNO Approval	HSR002679.
Number AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16 – OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Amendment: August 2014 1. Identification of the Material and Supplier MSDS Created: June 2010.
Contact Person/Point	

ROOF & GUTTER SILICONE

TECHNICAL DATA SHEET - TRANSLUCENT

DIRECTIONS

1. All surfaces must be clean, dry, and free of dust, oil, old sealant or other contamination. For best results wipe all surfaces with cleaner or methylated spirits, using a lint free cloth.

2. Adhesion to metals can be further improved by light sanding. Manufacturers of plastics should be consulted about suitable cleaning solvents. Adhesion to plastics and coated surfaces (eg. powdercoat) should be pre-tested.

3. Mask either side of joint to produce a neat finish. Cut tip off cartridge and trim nozzle to suitable size. Apply nozzle and place cartridge in caulking gun. Gently squeeze trigger to dispense and push sealant into joint ahead of nozzle to ensure complete filling.

4. Within 5 minutes of application, finish surface with spatula or other smooth implement.

5. RESEALABLE: If entire contents are not used extrude 10mm of adhesive beyond nozzle opening. When ready to reuse, pull out cured plug.

RISK

IMPACT-A Roof & Gutter silicone is non hazardous.

SAFETY

Over exposure to vapours may irritate throat, eyes and nose. Ensure area has adequate ventilation. Skin contact may result in irritation.

FIRST AID

If swallowed, rinse mouth thoroughly with water. Give one glass of water or milk. DO NOT induce vomiting. If in eye, irrigate immediately with copious amounts of water for 15 minutes with eyelid held open. After skin contact, wash affected areas with water and detergent immediately. If inhaled remove casualty to fresh air. If you feel unwell seek medical advice immediately.

SPILLS/LEAKS

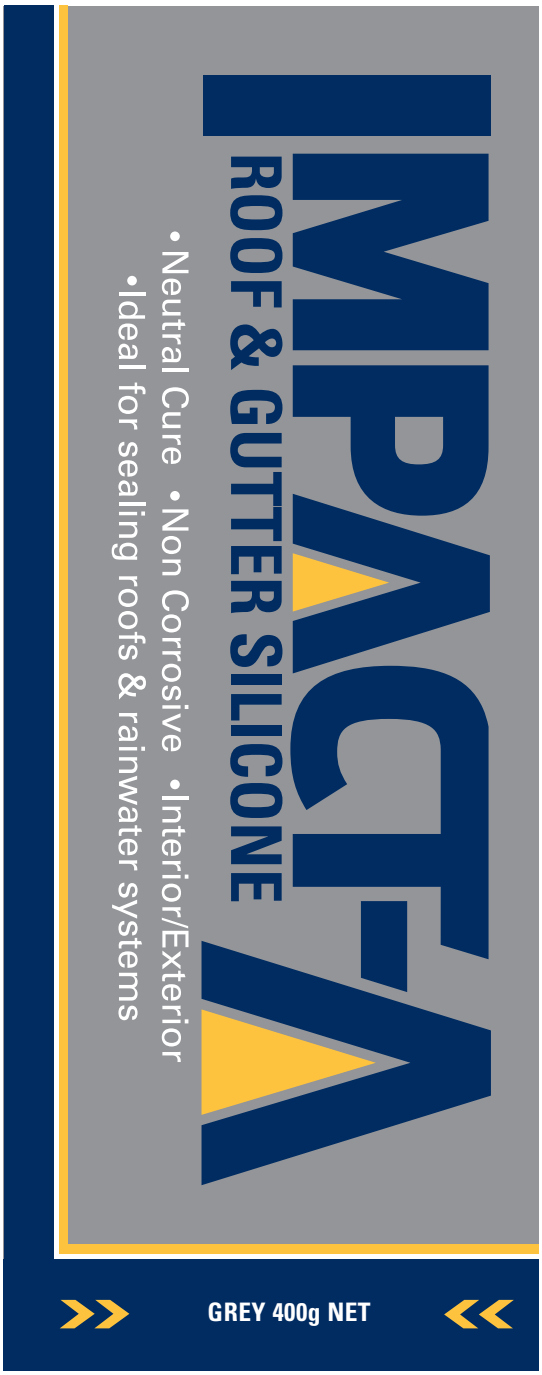
Product does not flow easily and spills may therefore be collected easily. Contain spill with sand or absorbent material and transfer to suitable container for disposal. Avoid breathing vapours and ventilate enclosed spaces. Dispose of material at an approved disposal site or facility.

FIRE

Fire-fighters should wear full protective clothing and self-contained breathing apparatus. Use foam, dry chemical, water or carbon dioxide to extinguish fire.

ROOF & GUTTER SILICONE

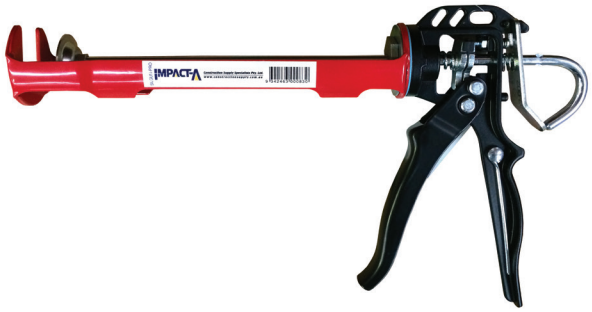
Grey
Size 400g NET



IMPACT-A Roof & Gutter silicone is a premium quality, neutral cure sealant specially formulated for sealing sheet metal, aluminium roofing and guttering, and other common building materials. With joint movement capability (+/- 25), it is ideal for general plumbing use. Approved for use in contact with potable water, meets (AS4020-2005).

Sealing and weatherproofing roofing, guttering, flashing, wall cladding, rainwater accessories, interior/exterior plumbing applications, downpipes and PVC plastic fittings. We always recommend that adhesion tests are carried out prior to application.

Associated Products: Impact-A Caulking Gun



MATERIAL SAFETY DATA SHEET

SECTION 1 – SUPPLIER IDENTIFICATION

Product Name	IMPACT-A - SILICONE GREY
Product Code	7317864228
Company Name:	H.B. FULLER COMPANY (ABN 003 638 435)
Address:	16-22 Red Gum Drive Dandenong South Victoria, 3175 Australia
Telephone / Fax Number:	+61 3 9357 4228 **AUS: 1800 033111 (or IDD +61 3 9663 2130),** Tel: Customer Service Toll Free Numbers: Australia 1800 423 855; New Zealand: 0800 555 072 **NZ: 0800 734 607 (Or IDD +64 473 4607)**
Recommended Use	Multipurpose neutral cure silicone used by the construction industry for weather proofing and waterproofing. Apply directly from cartridge using a caulking gun and tool off with a trowel.
Other Information	This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since H.B. Fuller Company Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the 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.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:

Not classified as hazardous Australia:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC). Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand:
Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land. HSNO Classification:

6.3B - Substance that is mildly irritating to the skin
6.4A - Substance that is irritating to the eyes
6.5B - Substance that is a contact sensitiser
6.7B - Substance that is a suspected human carcinogen
9.2C - Substance that is harmful in the soil environment
9.4A - Substance that is very ecotoxic to terrestrial invertebrates

Hazard statement codes:
H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H423 Harmful to the soil environment.
H441 Very toxic to terrestrial invertebrates.

Precautionary statement codes - Prevention:
P103* Read label before use. -This statement applies only where the substance is available to the general public.

P104 Read Safety Data Sheet before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mist/vapours/spray*.

P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment. -
P280 Wear protective gloves/protective clothing/eye protection/face protection*.

Precautionary statement codes - Response:
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P391 Collect spillage.

EYES
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SKIN
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary statement codes - Storage:
P405 Store locked up.

Precautionary statement codes - Disposal:
P501 *In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description ofone or more appropriate and achievable methods for the disposal ofa substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Dimethyl siloxane, hydroxy-terminated	70131 - 67 - 8	30 - 60 %		
	Distillates (petroleum), Hydrotreated Middle	64742 - 46 - 7	10 - 30 %		
	3- Aminopropyltriethoxy silane	919 - 30 - 2	0 - < 1 %		
	Methyl Ethyl Ketoxime	96 - 29 - 7	0 - < 1 %	Xi	R36, R43
	Ingredients determined not to be hazardous		Balance		

SECTION 4 – FIRST AID MEASURES

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, water spray, foam or dry chemical.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of nitrogen, silicon dioxide, formaldehyde, hydrocarbons, carbon monoxide and carbon dioxide.
Specific Hazards	Combustible paste.

Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. If possible contain the spill. Use clean non-sparking tools scrape up or wipe up and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Use only in a well ventilated area. Keep sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep sealed when not in use. Prevent exposre to moisture and air. Ensure that storage conditions comply with applicable local and national regulations.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material. As with all chemicals, exposure should be kept to the lowest possible levels.
Biological Limit Values	No biological limits allocated.
Engineering Controls	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A thick translucent paste.	Vapour Density	Not Applicable
Odour	Mild characteristic	(Air=1) Volatile Component	220 g/L (According to Californian South Coast Air Quality Management rule 1168)
Melting Point	Not Applicable	Flash Point	Not Applicable
Boiling Point	Not Applicable	Flammability	Combustible Paste
Solubility in Water	Insoluble	Auto-Ignition Temperature	Not Applicable
Specific Gravity	0.97	Flammable Limits - Lower	Not Applicable
pH Value	Not Applicable	Flammable Limits - Upper	Not Applicable
Vapour Pressure	Not Applicable		

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, moisture and exposure to air. Exposure to moisure (or air) will cause product to cure and emit acetic acid vapor.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of nitrogen, silicon dioxide, formaldehyde, hydrocarbons, carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this product.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system, and drowsiness.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May be irritating to skin. The symptoms may include redness, itching and swelling. May cause sensitisation by skin contact. Repeated exposure may cause skin dryness and cracking.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Chronic Effects	Inhalation of vapors may cause injury to blood and liver.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	Toxicity data: LC50(96h)(fish) >100 mg/L
Persistence / Degradability	Not Available
Mobility	Insoluble in water.
Environ. Protection	Do not discharge this material into waterways, drains and sewers.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Transport Information	Australia: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) New Zealand: Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

SECTION 15 – REGULATORY INFORMATION

Regulatory Information	Not classified as hazardous
	Australia: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
National and or International	New Zealand: Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Regulatory Information	Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006 HSNO Approval Number: HSR002679.
HSNO Approval	HSR002679.
Number AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16 – OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Amendment: August 2014 1. Identification of the Material and Supplier MSDS Created: June 2010.
Contact Person/Point	

ROOF & GUTTER SILICONE

TECHNICAL DATA SHEET - GREY

DIRECTIONS

1. All surfaces must be clean, dry, and free of dust, oil, old sealant or other contamination. For best results wipe all surfaces with cleaner or methylated spirits, using a lint free cloth.

2. Adhesion to metals can be further improved by light sanding. Manufacturers of plastics should be consulted about suitable cleaning solvents. Adhesion to plastics and coated surfaces (eg. powdercoat) should be pre-tested.

3. Mask either side of joint to produce a neat finish. Cut tip off cartridge and trim nozzle to suitable size. Apply nozzle and place cartridge in caulking gun. Gently squeeze trigger to dispense and push sealant into joint ahead of nozzle to ensure complete filling.

4. Within 5 minutes of application, finish surface with spatula or other smooth implement.

5. RESEALABLE: If entire contents are not used extrude 10mm of adhesive beyond nozzle opening. When ready to reuse, pull out cured plug.

RISK

IMPACT-A Roof & Gutter silicone is non hazardous.

SAFETY

Over exposure to vapours may irritate throat, eyes and nose. Ensure area has adequate ventilation. Skin contact may result in irritation.

FIRST AID

If swallowed, rinse mouth thoroughly with water. Give one glass of water or milk. DO NOT induce vomiting. If in eye, irrigate immediately with copious amounts of water for 15 minutes with eyelid held open. After skin contact, wash affected areas with water and detergent immediately. If inhaled remove casualty to fresh air. If you feel unwell seek medical advice immediately.

SPILLS/LEAKS

Product does not flow easily and spills may therefore be collected easily. Contain spill with sand or absorbent material and transfer to suitable container for disposal. Avoid breathing vapours and ventilate enclosed spaces. Dispose of material at an approved disposal site or facility.

FIRE

Fire-fighters should wear full protective clothing and self-contained breathing apparatus. Use foam, dry chemical, water or carbon dioxide to extinguish fire.