



Safety Data Sheet

Infosafe No™ 5GF6P Issue Date : December 2019 Status : ISSUED

Product Name **BurgaBRAZE Self -fluxing Aluminium brazing rods**

Classified as hazardous

1. Identification

GHS Product Identifier BurgaBRAZE Self -fluxing Aluminium brazing rods

Product Code Part No. BF-B15

Company Name SuperCool Asia Pacific Pty Ltd (ABN 71 011 044 385)

Address 14 Motorway Circuit Ormeau
QLD AUSTRALIA

Telephone/Fax Number Tel: (07) 5549-4000
Fax: (07) 5549-4044

Emergency phone number (07) 5549-4000 (Mon-Fri; 8:30-4:30 AEST)

Recommended use of the chemical and restrictions on use Brazing Rod, Brazing Wire

2. Hazard Identification

GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
STOT Repeated Exposure: Category 2
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3

Signal Word (s) WARNING

Hazard Statement (s) May cause damage to organs through prolonged or repeated exposure .
Harmful to aquatic life with long lasting effects.

Precautionary statement – General Keep out of reach of children.

Pictogram (s) Health hazard



Precautionary statement – Prevention Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid release to the environment.

Precautionary statement – Response Get medical advice/attention if you feel unwell.

Precautionary statement – Disposal Dispose of contents/container to an approved waste facility.

Other Information Welding and brazing processes can cause spatter, melting metal and UV/IR heat can cause burns or start fires.
Brazing/welding vapours and fumes from brazing/welding may cause metal fumes fever. Symptoms can appear 4 to 12 hours after. (headache, dizziness, dryness, cough, nausea and fever) Nitrogenoxide formation during soldering is possible. Formation of small amounts of Hydrogenfluoride (HF) during soldering is possible.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Cryolite (Note: see also CAS No 13775-53-6)	15096-52-3	5-10 %
	Non Hazardous Ingredients	-	Balance



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4. First-aid measures

Inhalation	Take affected person into fresh air. Consult a physician if necessary.
Ingestion	As soon as possible, take vials of calcium chloride and seek hospital treatment. Rinse mouth. Consult a physician.
Skin	In case of contact with skin wash off with soap and water.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Advice to Doctor	Treat Symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media	Use fire fighting measures that suit the environment and products stored.
Specific hazards arising from the chemical	Welding Fumes
Precautions in connection with Fire	Wear full protective suit. In case of fire, wear suitable respiratory equipment with positive air supply. Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing.

6. Accidental release measures

Emergency Procedures	In case of vapour formation use respirator. Ensure adequate ventilation. Use personal protective clothing.
Spills & Disposal	Shovel into suitable container for disposal.
Environmental Precautions	Do not discharge into the drains or bodies of water.

7. Handling and storage

Precautions for Safe Handling	Keep container tightly closed. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.
Conditions for safe storage, including any incompatibilities	Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.
Other Information	Keep container dry and tightly closed. Incompatible with strong acids and oxidizing agents.

8. Exposure controls/personal protection

Occupational exposure limit values	Safe Work Australia listed materials: Aluminium (welding fumes) (as Al) TWA 5mg/m ³ . Silicon (a) TWA 10mg/m ³
Appropriate 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 mist/particulate 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, goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for



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Hand Protection Industrial Applications.
Protective gloves resistant to chemicals made off polychloropren , Minimum coat thickness 0.6 mm, Permeation resistance (wear duration) approx. 480 minutes.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Body Protection Dust resistant protective clothing

9. Physical and chemical properties

Form Solid

Odour Nil

Solubility in Water Soluble

pH Not applicable

Flash Point Not applicable

10. Stability and reactivity

Reactivity No data available

Chemical Stability Stable under normal conditions

Conditions to Avoid Hydrogen fluoride is liberated on heating at high temperatures in the presence of water vapor.

Incompatible Materials Contact with acids produces toxic fumes of hydrogen fluoride.

Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information Based on available data, the classification criteria are not met. Harmful by inhalation and if swallowed. Risk of fluorose Brazing/welding vapours and fumes from brazing/welding may cause metal fumes fever. Symptoms can appear 4 to 12 hours after (headache, dizziness, dryness, cough, nausea and fever). Cryolite inhalation vapour ATE 11mg/L, inhalation aerosol ATE 1.5mg/L.

Inhalation May cause irritation by prolonged inhalation of brazing/welding fumes.

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure. (Trisodium hexafluoroaluminate (cryolite)) Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

12. Ecological information

Ecotoxicity Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability no data

Mobility no data

Environmental Protection Product is not allowed to discharge into the ground water or aquatic environment. Slightly water hazardous.

13. Disposal considerations

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

14. Transport information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. Regulatory information



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Regulatory Information Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Poisons Schedule Not Applicable

16. Other Information

Date of preparation or last revision of SDS December 2019

Literature References Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants. Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH). Globally Harmonised System of classification and labelling of chemicals. Raw material supplier SDS.

Other Information Reason for revision: New product
DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.
The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.
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