

**Head Office:** 106 - 116 Epsom Road, Rosebery NSW 2018 AUSTRALIA**Branches in Melbourne, Brisbane, Perth****Phone:** 1300 780 078 • (02) 9313 6111**Fax:** (02) 9313 6444**NEW Website:** www.livingstone.com.au**Email:** sales@livingstone.com.au**Issue Date:** 14/05/2013**Revision Date:** 09/08/2018**Supersedes Date:** 02/05/2016**Version Number:** 02

SAFETY DATA SHEET

Product Code: FLXZHPATCHES50**PAGE 1 OF 4**

SECTION 1 PRODUCT IDENTIFICATION

Product Name : Heat Therapy Patches

Trade Name: FLEXEZE

Product Use: Provides both pain relief for many types of lower back pain, muscular pain and joint pain.

SECTION 2 HAZARD IDENTIFICATION

Most important hazard

Hazardous properties: This product may cause a low temperature grade burn if used repeatedly and/or over a prolonged period of time on the same area of skin.

Environmental effect: There is no knowledge of its environmental effect.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Single product or compound: Compound (one compound is filled in the inner bag and then another is packed in the outer bag.)

General Description: Disposable body warmer

	Ingredients	Content (%)	CAS No.
Mixture:	Iron Powder	50 ~ 60	7439-89-6
	Water	20 ~ 30	7732-18-5
	Diatomaceous Earth	5 ~ 10	68855-54-9
	Activated Charcoal	3 ~ 10	7440-44-0
	Salt	1 ~ 5	7647-14-5
	Wooden particles	1 ~ 5	
	Super Absorbent Polymer	0.5 ~ 1.5	9003-04-7
	Vermiculite	0.5 ~ 2	1318-00-9
Inner Bag (Surface):	Polyethylene		68413-03-6
	Olefinic Series Reforming Agent		25087-34-7
	Calcium Carbonate		471-34-1
	Nylon Non-woven Fabric		25038-54-4
Adhesive side:	Polyethylene		88413-03-6
	Ethylene Vinyl		24937-78-8
	Acetate Copolymer		

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Acetate Ethyl	141-78-6
Toluene	108-88-3

Outer Package:

Polypropylene film coated by Polyvinylidene Chloride (polyvinylidene chloride copolymer/polypropylene/ Polyvinylidene Chloride Copolymer)	32335-23-2
Polypropylene	9003-07-0
Low Density Polyethylene	9002-88-4
Ethylene Vinyl	24937-78-8
Acetate Copolymer	

SECTION 4 FIRST AID MEASURES

For the compound in the inner bag:

When in contact with the skin:	Wash with soap and lukewarm water.
When in the eyes:	Flush eyes with clean water. Seek medical
When swallowed:	Thoroughly wash inside the mouth, induce vomiting. Seek medical attention if needed.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing agent:	Water, foam, powder, or carbon dioxide fire extinguisher.
Specific Hazard in case of fires:	Contact fire-fighting from the upwind direction. Avoid inhalation of generated gas.
Specific fire fighting measures:	Evacuate persons to a safe place upwind and conduct fire-fighting from the upwind direction.
Personal protection for firefighter:	Use respiration and fire protection equipment.

SECTION 6 ACCIDENTAL RELEASE MEASURES

For the compound in the inner bag:

Precautions for the human body:	Avoid contact with skin.
Precautions for the environment:	None
Cleaning method:	Sweep up the product and place in a container filled with water.



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SECTION 7 HANDLING AND STORAGE

Product (in outer package);

- Handling precautions:** Avoid use near flame or in high temperature. Do not remove the inner bag from the package.
- Storage:** Avoid direct sunlight and store in a cool room.
Avoid areas with high temperatures.
Avoid tearing the outer package.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

For the compound in the inner bag;

- Acceptable concentration:** Not determined
- Respiration protection:** Use respiration protection equipment.
- Hand Protection:** Use protective gloves.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

- Appearance:** Solid
- Color:** White with black compound in the inner bag
- Odor:** No odor
- Combustion Temperature:** This product does not ignite at 140°C
- Spontaneous Combustion:** This product is not listed as a spontaneous combustible substance by the UN.
- Self-heating properties:** This product is not listed as a self-heating substance by the UN.
- Solubility:** This product is not water soluble expect for the Sodium Chloride.

SECTION 10 STABILITY AND REACTIVITY

- Stability:** This product is stable under normal conditions.
- Reactivity:** This product reacts with oxygen and generates heat.
- Condition to avoid:** Do not use this product in high oxygen concentration conditions.
- Hazardous matter generated through product decomposition:** None

SECTION 11 TOXICOLOGICAL INFORMATION

- Acute Toxicity:**
- Oral and skin toxicity:** No data



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SECTION 12 ECOLOGICAL INFORMATION

Mobility: No data

Residual effect and degradability: No data

Accumulative effect on human body: No data

SECTION 13 DISPOSAL CONSIDERATIONS

Product/Compound: This product should be increased at the facilities, or disposed of at an approved waste disposal facilities by the government.

In case of household disposal, it should be treated as non-burnable trash.

SECTION 14 TRANSPORT INFORMATION

UN classification: This product is not listed as a dangerous substance by UN recommendation.

Specific conditions and measures for ship transport: Avoid getting it wet or the careless treatment of the product. Avoid the falling, dropping, or damaging of the product when transporting and/or carrying out measures to avoid collapse of the piles.

SECTION 15 REGULATORY INFORMATION

Law for Safety of Vessels: Section 7, Article 3, of the regulations for ship transport and storage of dangerous substances (danger regulation). This product is not listed as a flammable, spontaneous combustion or self-heating substance.

Aviation Law: This product is not listed in Article 2 in the notification of transport criteria for explosive substance by aircraft. This product is not listed as a flammable substance, spontaneous combustion, or self-heating substance.

Hazardous Substance: The specified value of this product meets substance for landfill, as described in Article 1 of governmental regulations regarding the criteria for industrial disposal of metallic substances.

SECTION 16 OTHER INFORMATION

Reason for revision: To bring to date.

END OF SDS