HeatPackUSA Safety Data Sheet (SDS) for the 72-hour and 110-hour heat packs:

Safety Data Sheet (SDS)
Product Name: 72-Hour and 110-Hour Heat Packs
Manufacturer: HeatPackUSA
Contact Information:

- **Website:** www.heatpackusa.com
- **Email:** shipping@ppc.international
- **Phone:** +1 (949) 688-1810

Section 1: Product and Company Identification
Product Name: HeatPackUSA 72-Hour and 110-Hour Heat Packs
Recommended Use: Heat source for temperature-controlled shipping and storage.
Restrictions on Use: Not for human or animal use; avoid direct contact with skin or ingestion.

Section 2: Hazard Identification
Hazard Classification:

- Not classified as hazardous under GHS criteria.

Signal Word: None.
Hazard Statements:

- Direct contact may cause burns.
- Do not ingest.

Precautionary Statements:

- Avoid prolonged skin contact.
- Do not open the inner packet.
- Keep out of reach of children.

Section 3: Composition/Information on Ingredients

Ingredient	CAS Number	Percentage
Iron Powder	7439-89-6	40–60%
Activated Charcoal	7440-44-0	10–20%
Vermiculite	1318-00-9	5–15%
Sodium Chloride (Salt)	7647-14-5	5–10%
Water	7732-18-5	5–15%

Section 4: First-Aid Measures
Inhalation: No specific measures required. Seek fresh air if discomfort occurs.
Skin Contact: Wash affected area with soap and water if irritation occurs.
Eye Contact: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

Section 5: Fire-Fighting Measures
Suitable Extinguishing Media: Water, foam, or dry chemical.
Special Hazards: Product is non-flammable but may generate heat.

Section 6: Handling and Storage
Handling:

- Use gloves when handling heat packs.
- Avoid puncturing or tearing the outer packaging.

Storage:

- Store in a cool, dry place.
- Keep away from flammable materials.

Section 7: Physical and Chemical Properties

Property	Description
Appearance	Grey powder in sealed packet.
Odor	Odorless.
pH	Neutral.
Activation Temperature	Ambient air.
Duration of Heat Generation	72 hours or 110 hours, depending on product.

Section 8: Stability and Reactivity
Reactivity: Non-reactive under normal conditions.
Chemical Stability: Stable under normal use and storage conditions.
Incompatible Materials: Do not expose to strong acids or bases.

Section 9: Disposal Considerations
Dispose of in accordance with local, state, and federal regulations. Do not incinerate.