

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Infinity Bond IM-E2200
PRODUCT CODES: Infinity Bond IM-E2200
MANUFACTURER: Infinity Bond Adhesives
ADDRESS: 7667 Cahill Rd, #100
 Minneapolis, MN 55439
EMERGENCY PHONE: 1-800-424-9300
PRODUCT INFORMATION: (844)366-7272
CHEMICAL FAMILY: Hot Melt Adhesives

SECTION 2: HAZARDS IDENTIFICATION

Please see Section 3 and 15 for country specific classification information, and Section 11 for additional details.

PRIMARY HAZARDS AND CRITICAL EFFECTS:



Non-Hazardous as supplied



Danger "as used" Thermal Hazard

Precautionary Statements:

Eye: As supplied, irritant as a foreign body. Fumes released during thermal processing may cause eye irritation. Molten adhesive in the eye will cause severe and permanent damage.

Skin Contact: Solid adhesive has no hazards. Molten adhesive may cause severe burns.

Inhalation: Negligible hazard at ambient temperature. Vapors which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion: No hazard in normal industrial use.

This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME:</u>	<u>CAS NO.</u>	<u>Conc. (% w/w)</u>
None	None	None

Note: See section 8 for occupational exposure limits and section 11 for LC50/LD50 information

SECTION 4: FIRST AID MEASURES

EYES:	If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
SKIN:	Molten adhesive may cause severe burns. Cool melted product on skin with plenty of water. Do not remove solidified product. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn. Cover affected areas with clean sheeting or gauze and seek immediate medical attention.
INGESTION:	Ingestion of solid adhesive is not expected to be hazardous. If symptoms develop and persist, get medical attention.
INHALATION:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	>400 ° F
EXTINGUISHING MEDIA:	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide.
FIRE FIGHTING PROCEDURES:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.
FIRE AND EXPLOSION HAZARDS:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Immediately contact emergency personnel. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use suitable protective equipment (section 8). Do not touch or walk through spilled material.
ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS	No special environmental precautions required. Do not allow material to contaminate ground water system. Spilled material will solidify. Scrape up spilled material and place in a closed container for disposal.

SECTION 6 NOTES: See section 1 for emergency contact information and section 13 for waste disposal

SECTION 7: HANDLING AND STORAGE

HANDLING:	Always be careful around molten material. Avoid skin contact with molten resins. Follow suggested application temperature. Do not wear contact lenses. At elevated temperatures, irritating fumes may be emitted. Provide adequate ventilation.
STORAGE:	For safe storage, store between 4 °C (39.2 °F) and 40 °C (104°F)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.
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PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY SYSTEM	No personal respiratory protective equipment normally required. Where the potential exists for exposure to decomposition products due to heating or elevated temperatures, wear NIOSH approved respiratory protection as appropriate.
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EYES

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses.

SKIN & BODY Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.

HANDS Hand Protection: Wear heat resistant gloves. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility, etc.) is noticed.

OCCUPATIONAL EXPOSURE LIMITS

Ingredient name	CAS Number	OEL United States
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A PEL or TLV has not been established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White to off white
ODOR:	Low Odor
PHYSICAL STATE:	Solid
FLASH POINT:	>400 °F
EVAPORATION RATE:	Non applicable
VAPOR DENSITY:	Non applicable
Specific Gravity:	0.97
VOLATILE ORGANICS:	Negligible

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under recommended storage conditions
CONDITIONS TO AVOID (STABILITY):	To avoid thermal decomposition, do not overheat. Avoid temperatures above 400°F
INCOMPATIBILITY (MATERIAL TO AVOID):	Oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Thermal decomposition can lead to release of irritating gases and vapors. carbon monoxide carbon dioxide
HAZARDOUS POLYMERIZATION:	Not Applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of entry: None.
Target organs: None.

ACUTE EFFECTS

Inhalation	Use appropriate ventilation to avoid inhalation exposure.
Ingestion	Non hazardous.
Skin Contact	Molten adhesive may cause severe burns.
Eye Contact	Molten adhesive may be irritating to eyes.

TOXICITY DATA

<u>Product/Ingredient Name</u>	<u>Result</u>	<u>Species</u>	<u>Dose</u>	<u>Exposure</u>
No toxicity data available				-

CARCINOGENICITY

<u>None</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>NTP</u>	<u>IARC</u>
None	N/A	N/A	N/A	N/A

CHRONIC EFFECTS

No data available

All data is cited from Literature

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY DATA

<u>Product/Ingredient Name</u>	<u>Result</u>	<u>Species</u>	<u>Dose</u>	<u>Exposure</u>
None	None	None	None	None

The components in this product are not considered to be Persistent, Bioaccumulating nor Toxic (PBT)
The components in this product are not considered to be very persistent nor very bioaccumulating (vPvB)

SECTION 13: DISPOSAL CONSIDERATIONS

- WASTE DISPOSAL METHOD:** Dispose of contents/container in accordance with local and national regulations. Contents should not be released into the environment.
- CONTAMINATED PACKAGING:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

- PROPER SHIPPING NAME:** Non Regulated
HAZARD CLASS: None
UN NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: None

IMDG/IMO

- PROPER SHIPPING NAME:** Non Regulated
HAZARD CLASS: None
UN NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: None

ICAO/IATA

- PROPER SHIPPING NAME:** Non Regulated
HAZARD CLASS: None
UN NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: None

ADR

- PROPER SHIPPING NAME:** Non Regulated
HAZARD CLASS: None
UN NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

- TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components are either listed or exempt from TSCA
- CERCLA: HAZARDOUS SUBSTANCES:** No products were found.
- 313 TOXIC CHEMICAL AND RELEASE REPORTING** No products were found.
- 311/312 HAZARD CATEGORIES:** None
- 313 REPORTABLE INGREDIENTS:** No products were found.

STATE REGULATIONS

CA Prop 65: This product is not known to contain any components listed on California's Proposition 65 List.

STATE RIGHT-TO KNOW

Component	CAS	CA	FL	MA	MN	NJ	PA	RI
None								

CANADIAN REGULATIONS:

WHIMS (Classification): Not a WHIMS controlled product.

INVENTORY STATUS

United States (TSCA): All components are listed or exempted

Canada (DSL): Not Determined

SECTION 16: OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM:(USA)

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	X

Refer to Section 8 for additional information on appropriate personal protection equipment

Date of Issue: January 5, 2015

Number of Revision: 1
Date of Revision: January 5, 2015

Reasons for Revision: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.