



SPI Supplies Division
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 Manufacturer's CAGE: 1P573

Material Safety Data Sheet

[SPI #05111-AB, 05111-BA Crystalbond™ 555 Mounting Adhesive](#)

Section 1: Identification


Date Effective.....October 24, 2006
 (most recent revision)

Chemical Name/Synonyms..Crystalbond 555

Emergencies
 Contacting CHEMTREC:

24 Hour Emergency Use Only #'s...
 Worldwide phone: 1-(703)-527-3887
 Worldwide FAX: 1-(703)-741-6090
 Toll-free phone: 1-(800)-424-9300 USA only

Product or Trade Name.. SPI #05111-AB, 05111-BA Crystalbond 555

Hazardous Material Information System USA	Health	0	National Fire Protection Association USA	
	Fire Hazard	0		
	Reactivity	0		
	Personal Protection			

NFPA Rating:
 (estimated) Health: 0 ; Flammability: 0 ; Reactivity: 0

Section 2: Composition

Component Name	CAS #	EINECS/ELINCS
Ethylene Oxide	75-21-8	200-849-9
Ethoxylated Nonyl Phenol	9016-45-9	n/a

Section 3: Hazard Identification

Appearance: Off-white solid

Flash Point: >200°F

Potential Health Effects

Eye: Not applicable.

Skin: In molten state this material may cause a severe thermal burn.

Ingestion: Not applicable.

Inhalation: There are no known data available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.

Section 4: First Aid Measures

Eyes:

Flush with copious amounts of water for 15 minutes. If irritation occurs, seek medical attention.

Skin:

Treat for thermal burn. Seek medical attention.

Ingestion:

Not applicable.

Inhalation:

Not applicable.

Section 5: Fire Fighting Measures

General Information:

There are no unusual fire and explosion hazards and no special fire fighting procedures required.

Extinguishing Media:

Foam, Carbon dioxide, Dry powder.

Flash Point: >210°F (Closed cup)

Explosion Limits:

Upper: n/a

Lower: n/a

Autoignition Temperature: n/a

Section 6: Accidental Release Measures

Spills/Leaks:

If material is unusable, sweep up and dispose of in a metal container. Provide adequate ventilation. Dispose of in accordance with all federal, state and local regulations.

Section 7: Handling and Storage

Handling:

Use adequate ventilation. Avoid excessive heat, sparks and open flames.

Storage:

Store in cool dry place. Keep containers tightly closed.

Section 8: Exposure Controls and Personal Protection

Exposure Limits:

Chemical Name	CAS#	ACGIH TLV	OSHA-Final PELs
Ethylene Oxide	5-21-8	n/a	1 ppm
Ethoxylated Nonyl Phenol	9016-45-9	n/a	n/a

Personal Protective Equipment

Provide adequate ventilation to keep exposure limits below the recommended TLV. Where this is not possible, personal respiratory protection should be employed.

Eyes: Safety glasses recommended.

Skin: Protect from thermal burn in molten state.

Section 9: Physical and Chemical Properties

Physical State: solid

Appearance: off-white

Odor: n/a

pH: n/a

Vapor Pressure: n/a

Vapor Density: 1.0 (air=1)

Evaporation Rate: nil

Viscosity: n/a

Boiling Point: >200°F

Freezing/Melting Point: 110°F

Autoignition Temperature: n/a

Flash Point: >210°F (Closed Cup)

Decomposition Temperature: n/a

Explosion Limits:

Lower: n/a

Upper: n/a

Solubility in water: 100%

Specific Gravity/Density: 1.12

Molecular Formula: n/a

Molecular Weight: n/a

Section 10: Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Excessive heat, Sparks, Open flames

Hazardous Decomposition of Products: Carbon monoxide, Carbon dioxide

Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

There is no known data available which addresses medical conditions that are recognized as being aggravated by exposure to this product.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Dispose of in accordance with all federal, state and local regulations.

Section 14: Transport Information

US DOT Hazard Class:

Not hazardous from standpoint of transportation.

IATA (for international shipments)

Not hazardous from standpoint of transportation.

Section 15: Regulatory Information

United States:

TSCA

All components of this product are listed on the TSCA Inventory.

SARA

Chemical components of this product which are present in reportable quantities and are listed in Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (SARA Title III) are shown below with their CAS Registry Numbers and Maximum Composition by weight.

Listed Chemical	CAS#	Maximum Weight %
none		

Canada

CAS# 75-21-8 is listed on the DSL List.

CAS# 75-21-8 is not listed on the NDSL List.

CAS# 9016-45-9 is listed on the DSL List.

CAS# 9016-45-9 is not listed on the NDSL List.

WHMIS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the CPR.

European:

Safety Phrases:

S25 Avoid contact with eyes.

NOTE: n/a = not available

Section 16: Other Information

Disclaimer of Liability:

Caution! Do not use SPI Supplies products or materials in applications

involving implantation within the body; direct or indirect contact with the blood pathway; contact with bone, tissue, tissue fluid, or blood; or prolonged contact with mucous membranes. Products offered by SPI Supplies are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. SPI Supplies will not provide to customers making devices for such applications any notice, certification, or information necessary for such medical device use required by US FDA (Food and Drug Administration) regulation or any other statute. SPI Supplies and Structure Probe, Inc. make no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues of fluids. This product is intended for external contact only with human skin.

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Wednesday April 18, 2007

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