

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Skin-Bond ® Cement Flammable

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

General Use: Topical

Manufactured For: Smith & Nephew, Inc. 970 Lake Carillon Drive, Suite 110, St. Petersburg, FL 33716 **Phone:** 1 800 876-1261

Date Reviewed: August 13, 2009

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Hexane	110-54-3	Proprietary
Natural Rubber & Fillers	N/A	Proprietary

Section 3 - Hazards Identification

★★★★★Emergency Overview★★★★★

HMIS	
H	1
F	3
R	0
PPE	0

Potential Health Effects

Primary Entry Routes: Ingestion, Inhalation, Skin Contact, Eye Contact

Target Organs: Kidney, liver

Acute Effects

Inhalation: Excessive inhalation of vapors can cause respiratory irritation & affect the central nervous system. Drowsiness, nose & throat irritation, headache, mild narcosis, nausea, loss of coordination, dizziness, unconsciousness, and even asphyxiation can occur. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Eye: Overexposure may cause irritation or corneal clouding.

Skin: Overexposure may cause dermatitis & defatting of skin.

Ingestion: Overexposure may cause gastrointestinal irritation, pain, nausea, & vomiting. Aspiration into lungs may cause chemical pneumonitis.

Carcinogenicity: This material is not known to have carcinogenic properties.

Medical Conditions Aggravated by Long-Term Exposure: None Known

Chronic Effects: Skin defatting or dermatitis. Kidney or liver damage. Excessive exposure to n-Hexane may cause peripheral neuropathy (numbness of fingers & toes).

Section 4 - First Aid Measures

Inhalation: Remove to fresh air; restore or support breathing as needed.

Eye Contact: Flush eyes (including under the eyelids) with copious amounts of water for at least 15 minutes.

Skin Contact: Remove contaminated clothing; launder before reuse then wash skin with soap and water.

Ingestion: Do not induce vomiting. Contact a poison control center immediately for further instructions.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

Flash Point: <0°F / < -17.8°C

Flash Point Method: CC

Burning Rate: Not determined

Autoignition Temperature: Not determined

LEL (% vol. in air): 1.1%

UEL (% vol. in air): 8.40%

Flammability Classification: Flammable liquid, Class IB

Extinguishing Media: Carbon Dioxide, Dry Chemical, Alcohol Foam, & Water Fog.

Unusual Fire or Explosion Hazards: Never use welding or cutting torch near product.

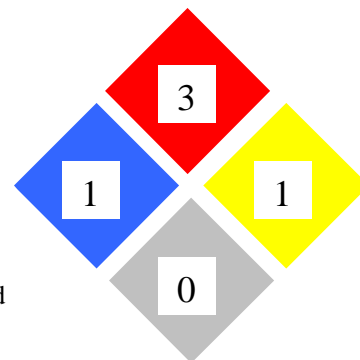
Product, or even residue, can ignite explosively. Vapors are heavier than air, and may travel long distances to an ignition source and flashback. Water may be used to cool fire-exposed containers until fire is out.

Hazardous Combustion Products: None Known

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Self Contained Breathing Apparatus and protective clothing should be worn.

NFPA:



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Eliminate all ignition sources, provide adequate ventilation. Wipe up with rags, paper, or other absorbent, & place in a suitable container for disposal.

Large Spills

Containment: Dike spills to minimize contamination and contain material.

Cleanup: Soak up spills with rags, paper, or other absorbent, & place in a suitable container for disposal. Wear protective clothing & provide adequate ventilation.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Avoid eye contact. Avoid breathing vapors.

Storage Requirements: Store in a cool, dry place <77° F (25° C)

Regulatory Requirements: None known for normal use

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: None required

Ventilation: Use in well ventilated areas, vapors can be harmful.

Administrative Controls: None required for normal use

Respiratory Protection: When working with small quantities in a well-ventilated area, respiratory equipment may not be required.

Protective Clothing/Equipment: When working with small quantities in a well-ventilated area, protective clothing / equipment may not be required.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Odor Threshold: Not determined

Vapor Pressure (mm Hg): 119

Vapor Density (Air=1): < 1

Formula Weight: N/A

Liquid Density: Lighter than water

Specific Gravity (H2O=1): 0.76

Appearance and Odor: A cream-colored liquid with a sweet and /or solvent odor.

Water Solubility: Negligible

Other Solubilities: Not determined

Boiling Range: 154-231°F / 68-111°C

Freezing/Melting Point: Neither determined

Viscosity: Not determined

Refractive Index: Not determined

pH: Not determined
Evaporation Rate (% nBuAc): 8.3

Surface Tension: Not determined
%Volatile (by vol. / by wt.): 85% / 80%

Section 10 - Stability and Reactivity

Stability: Stable

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: Strong oxidizing agents

Conditions to Avoid: Heat, sparks, open flames, or uninsulated heating elements

Hazardous Decomposition Products: Oxides of carbon; smoke, aliphatics and others

Section 11 - Toxicological Information

Toxicity Data:

Eye Effects: Not determined

Chronic Effects: Not determined

Skin Effects: Not determined

Carcinogenicity: Not determined

Acute Inhalation Effects: Not determined

Mutagenicity: Not determined

Acute Oral Effects: Not determined

Teratogenicity: Not determined

Section 12 - Ecological Information

Ecotoxicity: Not determined

Environmental Fate: Not determined

Environmental Degradation: Not determined

Soil Absorption/Mobility: Not determined

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations.

Disposal Regulatory Requirements: Follow applicable federal, state, and local regulations.

Container Cleaning and Disposal: Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

Adhesive Containing Flammable Liquid UN1133

Section - 15 Regulatory Information

EPA Regulations: SARA Title III, Sec. 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
110-54-3	N-Hexane	< 50
110-82-7	Cyclohexane	< 5
108-88-3	Toluene (Skin)	< 1
71-43-2	Benzene	<1
7439-92-1	Lead	<1
1314-13-2	Zinc Oxide	< 20
7440-43-9	Cadmium	< 1

OSHA Regulations: None known for normal use

State Regulations: California Proposition 65

WARNING: This product may contain trace amounts of the following chemical known to the State of California to cause cancer or birth defects or other reproductive harm:

Lead	7439-92-1
Benzene	71-43-2
Cadmium	7440-43-9

WARNING: This product may contain trace amounts of the following chemical known to the State of California to cause birth defects or other reproductive harm:

Toluene (Skin)	108-88-3
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Section 16 - Other Information

Additional Hazard Rating Systems: None Known