



**Material Safety Data Sheet  
CONKLIN COMPANY, INC.**

Date Prepared: 12/17/07

MSDS Number: 4048

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Identifier</b> Hy-Crown® Contact Adhesive	<b>General Use</b> Contact adhesive
<b>Manufacturer's Name</b> Conklin Company	<b>Emergency Telephone Numbers</b> Health: (888) 786-0974 Transport: (800) 424-9300
<b>Address (Number, Street, City, State and Zip)</b> 551 Valley Park Drive Shakopee, MN 55379	<b>Phone Number for Additional Information</b> (952) 445-6010 <b>Website:</b> www.conklin.com

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS Number	Percent by Weight
Hexane	110-54-3	40% To 50%
Methyl Ethyl Ketone	78-93-3	20% To 30%
Toluene	108-88-3	5% To 10%

See Section 8 for exposure guidelines.

**SECTION 3 - HAZARDS IDENTIFICATION**

## Emergency Overview

HARMFUL OR FATAL IF SWALLOWED. DO NOT INDUCE VOMITING. FLAMMABLE. Vapors may cause flash fire. Prolonged or repeated skin contact can cause moderate irritation, defatting, or dermatitis.

**Potential Health Effects, Based on Individual Components (May Vary Among Individuals)**

**Eye:** Liquid, fumes, mists, or vapors may cause severe irritation. Overexposure may result in permanent eye damage or blindness.

**Skin:** May cause moderate irritation.

**Ingestion:** May cause moderate irritation to mouth, throat, and stomach, along with nausea and vomiting.

**Inhalation:** May cause moderate to severe irritation to respiratory tract (mouth, nose, throat and lungs), and result in coughing, wheezing, and impaired pulmonary function.

**Medical conditions aggravated by exposure:**

None known

Chronic effects: Carcinogenicity: Contains Toluene.  
See Section 15 for California Proposition 65 information.

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## SECTION 4 - FIRST AID MEASURES

**EYES:** Immediately flush the contaminated eye(s) with clean, lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens until after flushing is complete. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

**SKIN:** As quickly as possible, remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Quickly and gently, blot or brush away excess chemical. Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes. If irritation persists, repeat flushing. Obtain medical advice. Store contaminated clothing in a manner to prevent spontaneous combustion. Completely decontaminate clothing, shoes, and leather goods before reuse, or discard.

**INGESTION:** Never give anything by mouth to a victim who is rapidly losing consciousness, is unconscious, or is convulsing. Have victim rinse mouth thoroughly with water. Do NOT induce vomiting. Have victim drink a glass of water (2 to 8 ounces or 60 to 240 mL). Immediately obtain medical attention.

**INHALATION:** This product is (extremely) flammable. Take proper precautions (e.g. remove any sources of ignition). Remove source of contamination or move victim to fresh air. Obtain medical advice.

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## SECTION 5 - FIRE FIGHTING MEASURES

**FLASH POINT:** -7°F TCC LEL 1.1 UEL 7.5

**EXINGUISHING MEDIA:** Foam, dry chemical, CO<sub>2</sub>.

**SPECIAL FIRE FIGHTING PROCEDURES:** Limit use of water spray to cool containers and to protect personnel. Water may not be effective to extinguish a fire involving this material. Vapors are heavier than air and may be ignited after traveling considerable distances, causing flashback or explosion. Firefighters should use approved self-contained breathing apparatus and full turn-out (Bunker) gear when fighting fires involving chemicals, to protect against possible toxic fumes or vapors. Cool and use caution when approaching fire-exposed containers.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURE:** Use personal protection recommended in Section 8. Remove all sources of ignition, including sparks and static electricity. Use non-sparking, explosion-proof tools and equipment. Do not vacuum. Ventilate area thoroughly. Stay upwind. Isolate area from unprotected personnel. Dike to prevent spill from spreading. Collect with compatible absorbent material and place in metal container with tight fitting cover. Floor may be slippery - use care and clean thoroughly. Keep out of sewer, septic system, ground water, and open waters. Notify federal, state and local authorities, as applicable.

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## SECTION 7 - HANDLING AND STORAGE

**STORAGE TEMPERATURE:** Store above 40°F and below 80°F.

**HANDLING AND STORAGE PRECAUTIONS:** Use personal protection recommended in Section 8. Do not cut, weld, drill, or otherwise expose empty or full containers to heat, sparks, pilot lights, open flames, static electricity, or other sources of heat or ignition. Open containers slowly in case of pressure accumulation. Bond and ground containers and equipment during transfer. Vapors are/may be heavier than air and may cause ignition away from storage or handling location. Use non-sparking tools. Protect from direct sunlight. Store in dry, cool, ventilated area in tightly closed containers out of the reach of children. Do not store on side. Avoid creasing or impacting container sidewalls. Empty containers may be hazardous. Do not eat, drink, or smoke in chemical use or storage areas. Wash hands after handling and before eating, drinking, or smoking. Do not rub eyes with soiled hands. See Section 10 for metals or other materials to avoid.

## SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

**ENGINEERING CONTROLS:** Provide sufficient general and local explosion-proof exhaust ventilation to maintain safe exposure levels. Take measures to minimize exposure. Provide a source of clean water for flushing eyes and skin.

**EYE PROTECTION REQUIREMENTS:** Use ANSI-approved eye protection (e.g. safety glasses, goggles), as required by work conditions. Use ANSI-approved chemical splash goggles and face shield if splashing may occur.

**SKIN PROTECTION REQUIREMENTS:** Chemical-resistant gloves and clothing, as needed, to prevent skin contact. Wash hands before eating, drinking, or smoking.

**RESPIRATORY PROTECTION:** To protect against inhalation, a NIOSH-approved air-purifying respirator with organic vapor cartridges and dust/mist pre-filters may be permissible. Use a dust/mist filter or pre-filter if spraying. Use a positive pressure air-supplied respirator for unknown or uncontrolled situations, or when air-purifying respirators may not provide adequate protection.

## AIRBORNE EXPOSURE LIMITS

Components	OSHA PEL/TWA	ACGIH TLV/TWA	STEL
Hexane	TWA 500 ppm (1800 mg/m <sup>3</sup> )		
Methyl Ethyl Ketone	TWA 200 ppm (590 mg/m <sup>3</sup> )		
Toluene	TWA 200 ppm (c) 300 ppm 500 ppm (10-minute maximum peak)		

Definitions:

- PEL = Permissible Exposure Limit
- TLV = Threshold Limit Value
- TWA = Time-weighted average (8 hour day)
- STEL = Short term exposure limit (15 minutes), no more than 60 min./day
- (c) = Ceiling (not to be exceeded under any condition)
- (s) = Skin

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid	Solubility in Water:	Slight
Color:	Tan	Specific Gravity (Water = 1):	0.82
Odor:	Solvent	Evaporation Rate (Butyl Acetate = 1):	< 1
Boiling Range:	150 °F	Vapor Pressure (mm Hg):	Not determined
pH:	Not applicable	Vapor Density (Air = 1):	> 1

## SECTION 10 – REACTIVITY

- Stability: Stable under anticipated storage and handling conditions.
- Hazardous Polymerization: Will not occur.
- Incompatibilities (Materials to Avoid): Avoid strong oxidizers, such as chlorine, open flames, sparks and excessive heat.
- Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and nitrogen oxides.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 3 for potential health effects.

## SECTION 12 – ECOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 6 for information regarding accidental releases. Keep out of trash, water, sewer, and drainage systems.

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### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Recycle or dispose of contents and empty containers according to federal, state and local regulations. Keep out of trash, water, sewer, and drainage systems. Oils and solvents may be recycled, incinerated, or fuel blended at an EPA-permitted facility.

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### **SECTION 14 - TRANSPORTATION INFORMATION**

Proper Shipping Name: Adhesives, UN1133, 3, II  
For additional information, please consult Conklin's Find Answers at <http://conklin.custhelp.com> or call the Transportation Department at (952) 445-6010.

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### **SECTION 15 - REGULATORY INFORMATION**

California Proposition 65 statement: This product contains the following chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm: Toluene (5% To 10%). This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372): Methyl Ethyl Ketone: 20% To 30%; Toluene: 5% To 10%; Hexane: 40% To 50%.  
CERCLA RQ = 5000 lbs (Methyl Ethyl Ketone); CERCLA RQ = 1000 lbs (Toluene); CERCLA RQ = 5000 lbs (Hexane).

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### **SECTION 16 - OTHER INFORMATION**

This document replaces the 9/30/02 version. All Safety Data Sheets reviewed for consistency and accuracy. Section 2, Section 3, Section 4, Section 5, Section 6, Section 7, Section 8, Section 9, Section 10, Section 11, Section 12, Section 13, Section 14, and Section 15 were revised.

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