



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

Date Prepared: 1/2/2023

SDS Number: 4117

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

<b>Product Identifier</b> Acclaim Flashing and Seam Grade - Part A	<b>General Use</b> 2K Urethane Roofing Patch
<b>Manufacturer's Name</b> Conklin Company	<b>Emergency Phone Numbers</b> Transport: (800) 424-9300 Health: (952) 277-4088 M-F 8:00am - 4:30pm Central Time
<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 - HAZARDS IDENTIFICATION**

<b>Signal Word:</b>	<b>Danger</b>
<b>Hazard statements:</b>	<b>Causes eye irritation</b> <b>May cause allergy or asthma symptoms or breathing difficulties if inhaled</b> <b>May cause an allergic skin reaction.</b>

**Precautions:** Contains diphenylmethane diisocyanate (CAS No. 101-68-8). Inhalation of MDI mist or vapors may cause respiratory irritation, breathlessness, chest discomfort and reduced pulmonary function. Overexposure well above the PEL may result in bronchitis, bronchial spasms and pulmonary edema. Long-term exposure to isocyanates has been reported to cause lung damage, including reduced lung function which may be permanent. Acute or chronic overexposure to isocyanates may cause sensitization in some individuals, resulting in allergic respiratory reactions including wheezing, shortness of breath and difficulty breathing.  
Do not breathe mist or spray.  
Wear NIOSH approved respiratory protection  
Wear chemical resistance gloves and clothing. Nitrile gloves are recommended.  
Wear splash goggles.  
Contaminated work clothing must not be allowed out of the workplace.  
Wash hands and all exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.

**Response:** If experiencing respiratory symptoms: Call a poison center or doctor.  
If inhaled: Immediately remove person to fresh air and keep comfortable for breathing. Get immediate medical attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Get immediate medical attention.  
If on skin: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical attention.  
Wash contaminated clothing before reuse.  
Get medical advice or attention if you feel unwell.  
If exposed or concerned: Call a poison center or doctor.

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

<b>Eye:</b>	Irritating to eyes.
<b>Skin:</b>	Can cause irritation. Can result in sensitization. Symptoms can appear later.
<b>Ingestion:</b>	Virtually nontoxic after a single ingestion.
<b>Inhalation:</b>	Inhalation of vapors may cause irritation of the mucous membranes of the nose, throat or trachea, breathlessness, chest discomfort, difficult breathing and reduced pulmonary function.

Causes damage to Eyes, Lungs, Respiratory System, and Skin through prolonged or repeated exposure.

**Medical conditions aggravated by exposure:**

The isocyanate component is a respiratory sensitizer. It may cause allergic reaction leading to asthma-like spasms of the bronchial tubes and difficulty in breathing. Medical supervision of all employees who handle or come into contact with isocyanates is recommended. Contact may aggravate pulmonary disorders. Persons with history of respiratory disease or hypersensitivity should not be exposed to this product. Preemployment and periodic medical examinations with respiratory functions are suggested.

**Chronic effect** Not known to contain component(s) at 0.1% or greater listed as a carcinogen or possible carcinogen.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS Number	Percent by Weight
MDI prepolymer	9048-58-2	80% to 90%
4,4'- Diphenylmethane Diisocyanate	101-68-8	10% to 20%

See Section 8 for exposure guidelines.

**SECTION 4 - FIRST AID MEASURES**

**EYES:** Quickly and gently blot or brush chemical off the face. 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:** Wash thoroughly with large amounts of soap and water and rinse for at least 15 minutes. If irritation develops, seek medical attention. Discard contaminated leather clothing or goods.

**INGESTION:** Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediately contact poison center or physician and get immediate medical attention.

**INHALATION:** Immediately move subject to fresh air. Give rescue breathing or CPR, if needed. Get immediate medical attention.

**SECTION 5 - FIRE FIGHTING MEASURES**

**FLASH POINT:** > 380°F

**EXINGUISHING MEDIA:** CO<sub>2</sub>, foam, water fog, and dry chemical. Material will react with water,

**SPECIAL FIRE FIGHTING PROCEDURES:** Evacuate downwind personnel. Wear self-contained breathing apparatus and protective clothing. Containers may be cooled with water spray. Contamination of product with water will generate carbon dioxide gas with possible build-up of pressure in containers or confined spaces. Do not spray pool fires directly; a solid stream of water directed into hot burning liquid can cause frothing. Boilover may occur when temperature of material approaches boiling point of resin.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURE:** Use personal protection recommended in Section 8. 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.

## SECTION 7 - HANDLING AND STORAGE

**STORAGE TEMPERATURE:** Store in a cool, dry place between 50°F and 90°F.

**HANDLING AND STORAGE PRECAUTIONS:** Use personal protection recommended in Section 8. Open containers slowly in case of pressure accumulation. 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 enough explosion-proof ventilation to keep airborne isocyanate below exposure limits. Local exhaust is needed for confined spaces or areas. Eye wash and safety shower should be available.

**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. Nitrile gloves are recommended. Wash hands before eating, drinking, or smoking.

**RESPIRATORY PROTECTION:** Wear appropriate respirator when ventilation is inadequate.

## AIRBORNE EXPOSURE LIMITS

Components	OSHA PEL/TWA	ACGIH TLV/TWA	STEL
4,4'- Diphenylmethane Diisocyanate	(c) 0.2 mg/m <sup>3</sup> (0.02 ppm)		

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:	Insoluble
Color:	Clear.	Specific Gravity (Water = 1):	1.07
Odor:	Mild.	Evaporation Rate (Butyl Acetate = 1):	not determined
Boiling Range:	N/A	Vapor Pressure (mm Hg):	0.00001 mm Hg
pH:	Not determined	Vapor Density (Air = 1):	not determined
VOC:	0 g/L, mixed (0 g/L Part A)		

## SECTION 10 – REACTIVITY

Stability:	This material is stable in sealed containers. If exposed to moisture, it gradually reacts with water to form a solid material and carbon dioxide gas.
Hazardous Polymerization:	Reacts with water to produce CO <sub>2</sub> (carbon dioxide) gas.
Incompatibilities (Materials to Avoid):	Water, alcohols, amines. . Moisture or water may cause rupture of container due to pressure build-up from carbon dioxide. Avoid heat, sparks, open flame.
Hazardous Decomposition Products:	Burning may produce Hydrogen cyanide, oxides of carbon and nitrogen, carbon monoxide, carbon dioxide, volatilized isocyanates.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

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

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**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**

Use up material for its intended purpose, if possible. Dispose as hazardous waste according to federal, state and local regulations. Keep out of trash, water, sewer, and drainage systems.

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**SECTION 14 - TRANSPORTATION INFORMATION**

Not a DOT Hazardous Material.

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**SECTION 15 - REGULATORY INFORMATION**

California Proposition 65 statement: This product does NOT contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372): 4,4'- Diphenylmethane Diisocyanate: 10% to 20%.  
CERCLA RQ = 5000 lbs (4,4'- Diphenylmethane Diisocyanate).

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**SECTION 16 - OTHER INFORMATION**

This document replaces the 7/18/2022 version. All Safety Data Sheets reviewed for composition and regulatory status.

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The information contained in this Safety Data Sheet is based on data available to us from suppliers, and is believed to be true and correct; however, Conklin makes no warranty, express or implied, regarding the accuracy of this data or results obtained from the use of this product. Conklin and its employees assume no responsibility for injury or damage from the use of this product.