



Safety Data Sheet CONKLIN COMPANY, INC.

Date Prepared: 1/9/2026

SDS Number: 4121

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

SECTION 2 - HAZARDS IDENTIFICATION



Signal Word:	Danger
Hazard statements:	Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause cancer.

Precautions: Keep away from heat, sparks, pilot lights, open flames, static electricity, or other sources of heat or ignition. - No smoking.
Ground/Bond container and receiving equipment.
Use explosion-proof equipment when handling.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist, vapors and spray.
Use only outdoors or in a well ventilated area.
Do not eat, drink or smoke when using this product.
Wear gloves, safety glasses or goggles, and long-sleeved clothing when handling.
Wash hands thoroughly after handling.
Keep container tightly closed.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice or attention.
If skin irritation persists, Get medical advice or attention.
If swallowed: Immediately call a physician or Poison Control Center.
Rinse Mouth.
If on skin or hair: Immediately take off all contaminated clothing. wash skin with soap and water.
If skin irritation occurs: Get medical advice or attention.
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Immediately call a physician or Poison Control Center.
In case of fire: Use foam, dry chemical or CO2 to extinguish.

Potential Health Effects, Based on Individual Components (May Vary Among Individuals)**Eye:** Causes serious eye irritation.**Skin:** Causes skin irritation.**Ingestion:** Harmful or fatal if swallowed. May cause mouth, throat and stomach irritation.**Inhalation:** May cause respiratory irritation. May cause drowsiness or dizziness.

Causes damage to Central Nervous System, and Respiratory System through prolonged or repeated exposure.

Medical conditions aggravated by exposure:

Suspected of causing cancer.

Note: CNS (Central Nervous System) depression symptoms include fatigue, dizziness, loss of concentration, behavioral changes, collapse, coma, and death in cases of severe over-exposure.

Chronic effect Carcinogenicity: Contains Cumene, Ethylbenzene (IARC-2B).

IARC-2B = The chemical is possibly carcinogenic to humans.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percent by Weight
Light Aromatic Solvent Naphtha	64742-95-6	45% to 70%
1,2,4-Trimethylbenzene	95-63-6	15% to 40%
N-Propylbenzene	103-65-1	5% to 10%
Benzene, 1,3,5-trimethyl-	108-67-8	5% to 10%
Benzene, 1,2,3-trimethyl-	526-73-8	1% to 5%
Cumene	98-82-8	1% to 5%
Ethylbenzene	100-41-4	1% to 5%
Xylene	1330-20-7	1% to 5%

Actual concentration is withheld as a trade secret. 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:** 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:** If breathing has stopped, trained personnel should begin artificial respiration or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or Automated External Defibrillation (AED). Avoid mouth-to-mouth contact by using mouth guard or shields. Quickly transport victim to an emergency care facility. Take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment, use the buddy system). 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.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 102°F

EXINGUISHING MEDIA: Foam, dry chemical, CO₂.

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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURE: Flammable liquid. Ventilate area thoroughly. Stay upwind. 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. 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 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 locked, 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
Light Aromatic Solvent Naphtha	TWA: 500 ppm, (2,000 mg/m ³)	200 mg/m ³	
1,2,4-Trimethylbenzene	TWA 25 ppm (125 mg/m ³)	TWA 25 ppm	
Benzene, 1,3,5-trimethyl-	TWA 25 ppm (125 mg/m ³)	TWA 25 ppm	
Benzene, 1,2,3-trimethyl-	TWA 25 ppm (125 mg/m ³)	TWA 25 ppm	
Cumene	TWA 50 ppm (245 mg/m ³)	TWA 5 ppm	
Ethylbenzene	TWA 100 ppm (435 mg/m ³)	TWA 20 ppm	125 ppm
Xylene	TWA 100 ppm, 435 mg/m ³	TWA 100 ppm	150 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, < 20 cst @ 40°C	Solubility in Water:	Insoluble
Color:	Clear, water white	Specific Gravity (Water = 1):	0.868 - 0.878
Odor:	Solvent	Evaporation Rate (Butyl Acetate = 1):	< 1
Boiling Range:	154°C	Vapor Pressure (mm Hg):	Not determined
pH:	Not applicable	Vapor Density (Air = 1):	> 1
VOC:	870 g/L	Particle Characteristics:	Liquid, not applicable

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 and carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Refer to Section 3 for potential health effects.

For 1,2,4-Trimethylbenzene: cute oral toxicity: LD50 Oral (Rat): 2,700 mg/kg.

For Benzene, 1,3,5-trimethyl-: Acute oral toxicity: LD50 Oral (Rat): 2,700 mg/kg.

For Cumene: Acute oral toxicity: LD50 Oral (Rat): 2,190 mg/kg.

For Ethylbenzene: Acute oral toxicity: LD50 Oral (Rat): 3,500 mg/kg

Acute dermal toxicity: LD50 Dermal (Rabbit): 5,510 mg/kg.

For Xylene: Acute oral toxicity: LD50 Oral (Rat): 3,523 mg/kg.

(Testing not done on behalf of Conklin.)

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects. Refer to Section 6 for information regarding accidental releases. Keep out of trash, water, sewer, and drainage systems.

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.

SECTION 14 - TRANSPORTATION INFORMATION

UN1268, Petroleum Distillates, 3, III

Exceptions: DOT Not Regulated, Combustible liquid, flash point > 100°F

Not packaged for Air or Vessel Transport

For additional information, please call the Transportation Department at (952) 445-6010.

SECTION 15 - REGULATORY INFORMATION

California Proposition 65 statement:

CALIFORNIA WARNING: This product can expose you to chemicals including Ethylbenzene (1% to 5%), Cumene (1% to 5%), which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372): Xylene: 1% to 5%; Ethylbenzene: 1% to 5%; Cumene: 1% to 5%; 1,2,4-Trimethylbenzene: 15% to 40%.

CERCLA RQ = 100 lbs (Xylene); CERCLA RQ = 1000 lbs (Ethylbenzene); CERCLA RQ = 5000 lbs (Cumene).

SECTION 16 - OTHER INFORMATION

This document replaces the 2/17/2025 version. All Safety Data Sheets reviewed for composition and regulatory status.

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.