



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

Date Prepared: 1/2/2023

SDS Number: 4107

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Affinity® Yellow Color Pack	General Use Color Concentrate for Affinity Clear Coat
Manufacturer's Name Conklin Company	Emergency Phone Numbers Transport: (800) 424-9300 Health: (952) 277-4088 M-F 8:00am - 4:30pm Central Time
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:	Warning
Hazard statements:	Flammable liquid and vapor. Harmful if swallowed. Solvents may be absorbed through skin. Causes skin irritation.

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.
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:** Fumes, mists, or vapors may cause irritation. Liquids can cause irritation.
- Skin:** May cause moderate irritation, including burning sensation, tearing, redness or swelling.
- Ingestion:** Ingestion may cause gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy, or diarrhea.
Repeated or prolonged exposure may irritate the mucous membranes.
- Inhalation:** Prolonged overexposure to either vapor or mist may cause coughing, shortness of breath, dizziness and drunkenness

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

Medical conditions aggravated by exposure:

None known

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
Bismuth Vanadate	14059-33-7	50% to 60%
Propylene glycol 1-methyl ether-2-acetate	108-65-6	30% to 40%
Acrylic Polymer	Proprietary	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. If pain or irritation persists, promptly obtain medical attention.

SKIN: Remove contaminated clothing as needed. Wash thoroughly with soap and water. Flush with lukewarm water for 15 minutes. If sticky, use waterless cleaner first. Seek medical attention if discomfort persists.

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 flammable. Take proper precautions (e.g. remove any sources of ignition). If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 105°F

EXINGUISHING MEDIA: Water fog or spray, dry chemical, foam, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Use water, dry chemical, CO₂, or foam, as appropriate for surrounding fire. Use water spray to cool containers. 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: 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.

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.

Spontaneous combustion can occur from heat generation with rags, etc.

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
† Bismuth Vanadate	Ceiling: 0.05 mg/m ³ as dust		
† Propylene glycol 1-methyl ether-2-acetate	TWA 50 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:	Viscous Liquid	Solubility in Water:	Miscible
Color:	Bright yellow	Specific Gravity (Water = 1):	1.89 - 1.91
Odor:	Fruity	Evaporation Rate (Butyl Acetate = 1):	< 1
Boiling Range:	347°F	Vapor Pressure (mm Hg):	Not determined
pH:	Not applicable	Vapor Density (Air = 1):	> 1
VOC:	590 g/L		

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 metal oxide fumes.

SECTION 11 - TOXICOLOGICAL INFORMATION

Refer to Section 3 for potential health effects.

For Propylene glycol 1-methyl ether-2-acetate:

Acute oral toxicity: LD50: > 5,000 mg/kg, Species: Rat

Acute inhalation toxicity: LC0: > 20 mg/l, Exposure time: 6 HOURS, Species: Rat.

(Testing not done on behalf of Conklin.)

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.

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

US Ground (DOT)

Classed as a Combustible Liquid for U.S. Ground.

UN1263, Paint related material, 3, III

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: 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): Bismuth Vanadate: 50% to 60%.

SECTION 16 - OTHER INFORMATION

This document replaces the 12/30/2021 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.