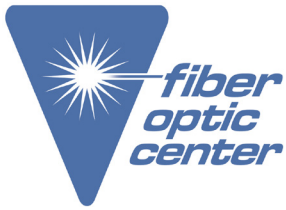


# SAFETY DATA SHEET (SDS)

**Manufacturer:**

ÅngströmBond®

**Product Name:**

Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure (1 kg)

**Manufacturer Part Number:**

COV-3471-3-14-1KG

▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

## SAFETY DATA SHEET



### 1. Identification

**Fiber Optic Center Inc.**  
23 Centre Street  
New Bedford, MA 02740  
USA

**TRANSPORTATION EMERGENCY**

CALL CHEMTREC: (800) 424-9300  
INTERNATIONAL: (703) 527-3887

**NON-TRANSPORTATION**

Emergency Phone: Call Chemtrec  
Information Phone: (844) 646-0545

**Product Name:** DeSolite 3471-3-14  
**Material Number:** 50025036  
**Chemical Family:** UV-Curable Mixture  
**Use:** Raw material for coatings, inks, adhesives, sealants, or elastomers in industrial applications  
**Restrictions on use:** Do-It-Yourself Applications

### 2. Hazards Identification

**GHS Classification**

Skin irritation: Category 2  
Eye irritation: Category 2A  
Skin sensitisation: Category 1  
Carcinogenicity: Category 2  
Reproductive toxicity (Oral): Category 1B

**GHS Label Elements**

Hazard pictograms:



Signal word: Danger

**Hazard statements:** Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Suspected of causing cancer.  
May damage fertility or the unborn child if swallowed.

**Precautionary statements:** **Prevention:**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.

Material Name: DeSolite 3471-3-14

Material Number: 50025036

Page: 1 of 12

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Contact the professionals at Fiber Optic Center for a quote or to get more details.

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▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

Avoid breathing dust, mist, gas, vapors or spray.  
Wash skin and face thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear permeation resistant protective gloves and clothing. Wear eye and face protection.

**Response:**

IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical attention.  
If skin irritation or rash occurs: Get medical attention.  
If eye irritation persists: Get medical attention.  
Take off contaminated clothing and wash before reuse.

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents and container in accordance with existing federal, state, and local environmental control laws.

### 3. Composition/Information on Ingredients

**Hazardous Components**

Concentration	Components	CAS-No.
7 - 13%	1,1,1-trimethylol propane triacrylate	15625-89-5
1 - 5%	Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	75980-60-8
0.1 - 1%	Oligomer	CAS# is a trade secret
0.1 - 1%	2-Hydroxyethyl Acrylate	818-61-1

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

### 4. First Aid Measures

**Most Important Symptom(s)/Effect(s)**

**Acute:** May cause allergic skin reaction with symptoms of reddening, itching, swelling, and rash., Causes skin irritation with symptoms of reddening, itching, and swelling., Causes serious eye irritation with symptoms of reddening, tearing, swelling, and burning.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**Skin Contact**

In case of skin contact, wash affected areas with soap and water. Wash off immediately with plenty of water for at least 15 minutes. Immediately remove contaminated clothing and shoes. Call a physician if irritation develops or persists. Wash clothing and shoes before reuse.

**Inhalation**

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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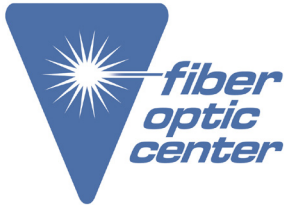
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COV-3471-3-14-1KG

▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

respiration. Get medical attention.

**Ingestion**

If ingested, do not induce vomiting unless directed to do so by medical personnel. Call a physician immediately.

**5. Firefighting Measures**

**Suitable Extinguishing Media:** All extinguishing media are suitable.

**Unsuitable Extinguishing Media** No Data Available

**Fire Fighting Procedure**

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

**Hazardous Decomposition Products**

By Fire and Thermal Decomposition: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), dense black smoke., Acrylate monomers, Aldehydes, Organic acids

**Unusual Fire/Explosion Hazards**

Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

**6. Accidental Release Measures****Spill and Leak Procedures**

Cleanup personnel must use appropriate personal protective equipment. Dike or dam spilled material and control further spillage, if possible. Prevent from entering open drains and waterways. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal.

**7. Handling and Storage****Handling/Storage Precautions**

Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use.

**Storage Temperature**

**Minimum:** 15 °C (59 °F)

**Maximum:** 30 °C (86 °F)

**Storage Conditions**

Inhibitor only effective in the presence of oxygen. Exposure to light may cause product polymerization. Extreme heat will result in product polymerization. Protect against heat and direct sunlight.

Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Substances to Avoid**

Exothermic reaction with:, Free radical initiators, Peroxides, strong alkalis, Strong acids, Reactive metals

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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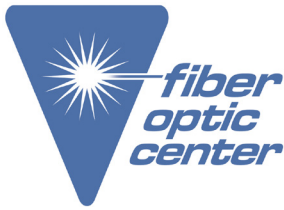
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## 8. Exposure Controls/Personal Protection

The recommendations in this section should not be a substitute for a personal protective equipment (PPE) assessment performed by the employer as required by 29 CFR 1910 Subpart I.

**Exposure Limits**

Country specific exposure limits have not been established or are not applicable

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

**Industrial Hygiene/Ventilation Measures**

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

**Respiratory Protection**

Respiratory protection is recommended in insufficiently ventilated working areas and during heating or spraying. For components with occupational exposure limits, when workers are facing concentrations above those limits, they must use appropriate certified respirators.

**Hand Protection**

Ensure gloves remain in good condition during use and replace if any deterioration is observed. Permeation resistant gloves., Nitrile rubber gloves., Avoid natural rubber gloves., Do not wear PVC gloves, as PVC absorbs acrylates.

**Eye Protection**

Chemical safety goggles or safety glasses with side-shields.

**Skin Protection**

Permeation resistant clothing, Gloves, long sleeved shirts and pants.

**Additional Protective Measures**

Ultraviolet (UV) light source is used for curing this product. UV light can be hazardous to unprotected skin and eyes. Protective eyewear should always be worn when working in UV curing areas. Skin protection such as long sleeves, long pants, and gloves should be worn when UV lights are being used.

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.

## 9. Physical and Chemical Properties

<b>State of Matter:</b>	liquid
<b>Color:</b>	Colorless to light yellow
<b>Odor:</b>	characteristic
<b>Odor Threshold:</b>	No Data Available
<b>pH:</b>	No Data Available
<b>Melting Point:</b>	
<b>Boiling Point:</b>	
<b>Flash Point:</b>	> 93 °C (> 199.4 °F) (closed cup)
<b>Evaporation Rate:</b>	No Data Available
<b>Lower explosion limit:</b>	No Data Available
<b>Upper Explosion Limit:</b>	No Data Available

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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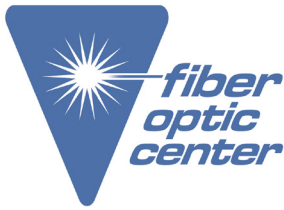
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COV-3471-3-14-1KG

▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

<b>Vapor Pressure:</b>	No Data Available
<b>Vapor Density:</b>	No Data Available
<b>Density:</b>	1.12 g/cm <sup>3</sup> @ 20 °C (68 °F)
<b>Relative Vapor Density:</b>	No Data Available
<b>Specific Gravity:</b>	No Data Available
<b>Solubility in Water:</b>	No Data Available
<b>Partition Coefficient: n-octanol/water:</b>	No Data Available
<b>Auto-ignition Temperature:</b>	No Data Available
<b>Decomposition Temperature:</b>	Stable under recommended storage conditions. The product is chemically stable.
<b>Unblocking Temperature:</b>	No Data Available
<b>Dynamic Viscosity:</b>	8,140 - 13,140 mPa.s @ 20 °C (68 °F)
<b>Kinematic Viscosity:</b>	> 7267 mm <sup>2</sup> /s @ 20 °C (68 °F)
<b>Bulk Density:</b>	No Data Available
<b>Molecular Weight:</b>	No Data Available
<b>Self Ignition:</b>	not applicable

## 10. Stability and Reactivity

**Hazardous Reactions**

No hazardous reactions when stored and handled correctly.

**Stability**

Stable

**Materials to Avoid**

Exothermic reaction with: Free radical initiators, Peroxides, strong alkalis, Strong acids, Reactive metals

**Conditions to Avoid**

Heat Exposure to sunlight. Protect from freezing. Product contains an inhibitor system. Must be inhibited to prevent hazardous polymerization. Inhibitor only effective in the presence of oxygen.

**Hazardous Decomposition Products**By Fire and Thermal Decomposition: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), dense black smoke, Acrylate monomers, Aldehydes, Organic acids

## 11. Toxicological Information

**Likely Routes of Exposure:**Skin Contact  
Eye Contact  
Ingestion  
Inhalation**Health Effects and Symptoms****Acute:** May cause allergic skin reaction with symptoms of reddening, itching, swelling, and rash., Causes skin irritation with symptoms of reddening, itching, and swelling., Causes serious eye irritation with symptoms of reddening, tearing, swelling, and burning.**Chronic:** Suspected of causing cancer., May damage fertility or the unborn child.**Toxicity Data for: DeSolite 3471-3-14****Acute Oral Toxicity**

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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COV-3471-3-14-1KG

▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

Acute toxicity estimate: 1,012 mg/kg (Calculation method)

**Acute Inhalation Toxicity**  
no data available

**Acute Dermal Toxicity**  
Acute toxicity estimate: 596.12 mg/kg (Calculation method)

Acute toxicity estimate: > 5,000 mg/kg (Calculation method)

**Toxicity Data for: 1,1,1-trimethylol propane triacrylate**

**Acute Oral Toxicity**  
LD50: > 5,000 mg/kg (rat)

**Acute Dermal Toxicity**  
LD50: 5,170 mg/kg (rabbit)  
assuming density = 1.1 g/cm<sup>3</sup>

**Skin Irritation**  
rabbit, OECD Test Guideline 404, irritating

**Eye Irritation**  
rabbit, Draize, irritating

**Sensitization**  
Skin sensitisation:: positive (Guinea pig)

Skin sensitisation:: positive (Guinea pig)

**Repeated Dose Toxicity**  
16 days, dermal: NOAEL: > 200 mg/kg, (rat, male/female, 5 days/week)

**Mutagenicity**  
Genetic Toxicity in Vitro:  
Mammalian cell - gene mutation assay: positive (Mouse lymphoma cells (L5178Y/TK), Metabolic Activation: with/without)  
Chromosome aberration test: positive (other mammalian peripheral blood lymphocytes, Metabolic Activation: with/without)  
Ames test: ambiguous (Salmonella typhimurium, Metabolic Activation: with/without)

Genetic Toxicity in Vivo:  
Micronucleus Assay: negative (Mouse, male/female)  
negative

Micronucleus Assay: negative (Mouse, male/female)  
negative

**Developmental Toxicity/Teratogenicity**  
rat, female, Oral, 10 days, daily, NOAEL (teratogenicity): > 500 mg/kg, NOAEL (maternal): 500 mg/kg,

**Toxicity Data for: Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-**

**Acute Oral Toxicity**  
LD50: > 5,000 mg/kg (rat) (OECD Test Guideline 401)

Material Name: DeSolite 3471-3-14

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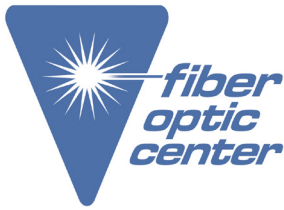
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**Acute Dermal Toxicity**

LD50: &gt; 2,000 mg/kg (rat) (OECD Test Guideline 402)

**Skin Irritation**

rabbit, Non-irritating

**Eye Irritation**

rabbit, Non-irritating

**Sensitization**

Skin sensitization (local lymph node assay (LLNA)):: sensitizer (Mouse, OECD Test Guideline 429)

**Repeated Dose Toxicity**

90 Days, oral: NOAEL: 100 mg/kg, (Rat)

**Mutagenicity**

Genetic Toxicity in Vitro:

gene mutation test: negative (Bacteria, Metabolic Activation: with/without)

In vitro mammalian cell gene mutation test: negative (Chinese hamster lung cells)

Chromosome aberration test in vitro: negative (Chinese hamster lung cells)

**Toxicity to Reproduction/Fertility**

oral, (Rat) NOAEL (parental): 200 mg/kg, NOAEL (F2): 60 mg/kg, Reproductive effects have been observed in animal studies.

Paternal Effects - Spermatogenesis (including genetic material, sperm morphology, motility, and count), testes, epididymis, sperm duct

**Developmental Toxicity/Teratogenicity**

Rat, NOAEL (maternal): 150 mg/kg,

**Toxicity Data for: Oligomer****Acute Oral Toxicity**

LD50: &gt; 2,000 mg/kg (rat, female) (OECD Test Guideline 423)

**Acute Dermal Toxicity**

LD50: &gt; 2,000 mg/kg (rat)

**Skin Irritation**

In vitro test system, OECD Test Guideline 439, positive

**Eye Irritation**

rabbit, OECD Test Guideline 405, slight irritant

**Sensitization**

Skin sensitization (local lymph node assay (LLNA)):: positive (Mouse, OECD Test Guideline 429)

**Repeated Dose Toxicity**

Oral: NOAEL: 1,000 mg/kg, (rat, male/female, daily)

**Mutagenicity**

Genetic Toxicity in Vitro:

Ames test: negative (Escherichia coli, Metabolic Activation: with/without)

Chromosome aberration test in vitro: negative (Human lymphocytes, Metabolic Activation: with/without)

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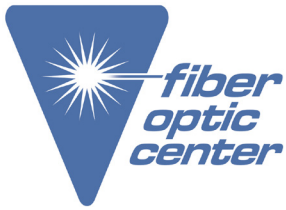
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**Toxicity Data for: 2-Hydroxyethyl Acrylate****Acute Oral Toxicity**

LD50: 540 mg/kg (rat)

**Acute Inhalation Toxicity**

LC50: &gt; 1.45 mg/l, vapour

**Acute Dermal Toxicity**

LD50: &gt; 1,000 mg/kg (rat)

**Skin Irritation**

rabbit, Corrosive

**Eye Irritation**

rabbit, Corrosive

**Sensitization**

Skin sensitization (local lymph node assay (LLNA)):: positive (Mouse)

**Repeated Dose Toxicity**

1,5 a, Inhalative: NOAEL: 0.0024 mg/l, (rat, male/female)

**Mutagenicity**

Genetic Toxicity in Vitro:

gene mutation test: negative

Micronucleus test: positive (Mouse lymphoma cells, Metabolic Activation: without)

Genetic Toxicity in Vivo:

Micronucleus test: negative (Mouse)

Toxicological studies of a comparable product.

negative

**Toxicity to Reproduction/Fertility**

Two-generation study, (rat)

**Developmental Toxicity/Teratogenicity**

rat, NOAEL (maternal): 20 mg/kg.

**Carcinogenicity:**

1,1,1-trimethylol propane

IARC - Overall evaluation: 2B Possibly carcinogenic to humans.

triacrylate

**12. Ecological Information****Ecological Data for 1,1,1-trimethylol propane triacrylate****Biodegradation**

90 - 100 %, i.e. readily biodegradable

**Toxicity to Aquatic Plants**

EC50: 18.8 mg/l, (Desmodesmus subspicatus (Green algae), 72 h)

**Ecological Data for Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-****Acute and Prolonged Toxicity to Fish**

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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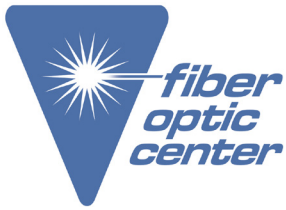
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LC50: 10 - 100 mg/l (Golden orfe (Leuciscus idus), 96 h)

**Acute Toxicity to Aquatic Invertebrates**

EC50: 10 - 100 mg/l (Water flea (Daphnia magna), 48 h)

**Toxicity to Aquatic Plants**

EC50: 10 - 100 mg/l, (72 h)

**Toxicity to Microorganisms**

EC50: > 500 mg/l, (Wastewater bacteria, 17 h)

**Ecological Data for Oligomer****Biodegradation**

aerobic, 0 %, Exposure time: 28 d, i.e. not readily degradable

**Acute and Prolonged Toxicity to Fish**

No data available.

LC50: 20 mg/l (Fish, 96 h)

**Acute Toxicity to Aquatic Invertebrates**

EC50: 44 mg/l (Daphnia (water flea), 48 h)

EC50: 44 mg/l (Daphnia magna (Water flea), 48 h)

**Toxicity to Aquatic Plants**

NOEC: 2 mg/l, (Pseudokirchneriella subcapitata (green algae), 72 h)

EC50: 37 mg/l, (Pseudokirchneriella subcapitata (green algae), 72 h)

**Ecological Data for 2-Hydroxyethyl Acrylate****Acute and Prolonged Toxicity to Fish**

LC50: 4.8 mg/l (Fathead minnow (Pimephales promelas), 96 h)

EC50: 4.7 mg/l (Fathead minnow (Pimephales promelas), 96 h)

NOEC: 4.64 mg/l (Golden orfe (Leuciscus idus), 96 h)

**Acute Toxicity to Aquatic Invertebrates**

EC50: 0.78 mg/l (Water flea (Daphnia magna), 48 h)

**Additional Ecotoxicological Remarks**

Very toxic to aquatic organisms.

**13. Disposal Considerations****Waste Disposal Method**

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

**Empty Container Precautions**

Do not reuse empty container. Empty containers retain product residue (dust, liquid, vapor and/or gases) and can be dangerous.

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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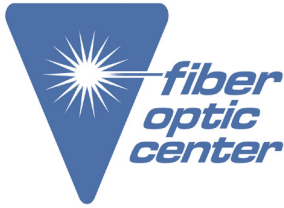
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▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

**14. Transportation Information****Land transport (DOT)**

Non-Regulated

**Sea transport (IMDG)****Proper Shipping Name:**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (contains 2-(2-Ethoxyethoxy)ethyl acrylate,  
Trimethylolpropane triacrylate)**Hazard Class or Division:**

9

**UN number:**

UN3082

**Packaging Group:**

III

**Hazard Label(s):**

MISCELLANEOUS

**Marine pollutant:**

Marine pollutant

**Air transport (ICAO/IATA)****Proper Shipping Name:**Environmentally hazardous substance, liquid, n.o.s. (contains 2-(2-  
Ethoxyethoxy)ethyl acrylate, Trimethylolpropane triacrylate)**Hazard Class or Division:**

9

**UN number:**

UN3082

**Packaging Group:**

III

**Hazard Label(s):**

MISCELLANEOUS

**Marine pollutant:**

Marine pollutant

**15. Regulatory Information****United States Federal Regulations****US. Toxic Substances Control Act:** Listed on the Active Portion of the TSCA Inventory.

No substances are subject to TSCA 12(b) export notification requirements.

**US. EPA CERCLA Hazardous Substances (40 CFR 302.4) Components:****Acrylic Acid Ester** Included in the regulation but with no data values. See regulation for further details**SARA Section 311/312 Hazard Categories:**

Refer to hazard classification information in Section 2.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:**

None

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:**

Acrylic Acid Ester

**US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):**

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

**State Right-To-Know Information**

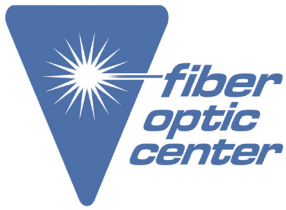
Material Name: Desolite 3471-3-14

Material Number: 50025036

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*Data is subject to change without notice.***Contact the professionals at Fiber Optic Center for a quote or to get more details.**23 Centre Street • New Bedford, MA 02740 USA • [focenter.com](http://focenter.com)508-992-6464 | (800) 473-4237 • [sales@focenter.com](mailto:sales@focenter.com)

# SAFETY DATA SHEET (SDS)

**Manufacturer:**

ÅngströmBond®

**Product Name:**

Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure (1 kg)

**Manufacturer Part Number:**

COV-3471-3-14-1KG

▶ [Click here for more details on the Desolite® 3471-3-14 Single Coat Primary Optical Fiber Coating, UV Cure \(1 kg\)](#)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:**

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
>=1%	Oligomer	CAS# is a trade secret
10 - 30%	Acrylic Acid Ester	7328-17-8
7 - 13%	1,1,1-trimethylol propane triacrylate	15625-89-5
1 - 5%	Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	75980-60-8

**New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists:**

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
10 - 30%	Acrylic Acid Ester	7328-17-8
0.1 - 1%	2-Hydroxyethyl Acrylate	818-61-1

**California Proposition 65 List:**

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
7 - 13%	1,1,1-trimethylol propane triacrylate	15625-89-5
<0.1%	Toluene	108-88-3

**CFATS (Chemical Facility Anti-Terrorism Standards) Chemicals**

To the best of our knowledge, this product does not contain Appendix A Chemicals of Interest (COI), at or above the Screening Threshold Quantity (STQ), as defined by the Department of Homeland Security Chemical Facility Anti-terrorism Standard (CFATS, 6 CFR Part 27).

Based on information provided by our suppliers, this product is considered "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date: 2012-08-22).

**16. Other Information**

Version Date: 03/31/2025  
SDS Version: 1.4

Material Name: DeSolite 3471-3-14

Material Number: 50025036

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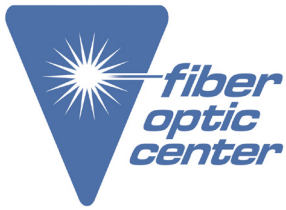
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For more information: phone: 1-800-473-4237, fax: 1-508-991-8876. Prepared by Fiber Optic Center, Inc.

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Material Name: DeSolite 3471-3-14

Material Number: 50025036

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