



85 JETSON LANE, CENTRAL ISLIP, NEW YORK 11722
516.935.4000 FAX 516.935.4039

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MATERIAL SAFETY DATA SHEET: NU-POL

SECTION 1: CHEMICAL PRODUCT & COMPANY INFORMATION

APPLICABLE PART #: **PC22051GL, PC22051QT, PC22054OZ,
PC22055GL, PC23031QT**

IDENTITY: **Nu-Pol**

SUPPLIER: **Universal Photonics, Inc.
495 West John Street
Hicksville, NY 11801**

FOR INFORMATION CALL
CUSTOMER SERVICE **(516) 935-4000**
DATE PREPARED: **February 12, 2016**

EMERGENCY TELEPHONE NUMBER:

1.866.519.4752 **3-E COMPANY - ACCT # 3665**

SECTION 2: COMPOSITION INFORMATION

COMPONENT NAME	CAS NUMBER	PERCENTAGE %	TLV (UNITS)
Petroleum Distillates	8052-41-3	38	500 PPM (OSHA) 200 PPM (ACGIH)
Silica (SiO₂)	14464-46-1	5	0.5 mg/m³ (OSHA)

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

INGESTION:	Will cause serious gastric disturbances.
SKIN CONTACT:	May cause dryness, irritation & defatting.
EYE CONTACT:	Will cause moderate irritation upon direct contact.
INHALATION:	Breathing high concentrations may irritate nose and throat and cause possible shortness of breath & wheezing.
ENVIRONMENT:	None known
CHRONIC :	May cause long-term shortness of breath & wheezing from inhalation of SiO₂ and potential silicosis.

SECTION 4: FIRST AID MEASURES

INGESTION:	DO NOT induce vomiting. Immediately seek medical attention urgently.
SKIN:	Remove soiled clothing and flush with soap and water.
EYES:	Flush with water for 20 minutes and immediately seek medical attention.
INHALATION:	Administer fresh air or oxygen.



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SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	142°F
LFL:	None
UFL:	None
EXTINGUISHING MEDIA (BOTH LARGE AND SMALL FIRES):	Water spray, foam, dry chemical, CO ₂
EXPOSURE HAZARDS:	Oxides of carbon.
UNUSUAL FIRE/EXPLOSION HAZARD:	None
SPECIAL PROTECTIVE EQUIPMENT:	Wear full protective safety equipment as standard practice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:	See Section 8
ENVIRONMENTAL PRECAUTIONS:	Do not introduce material directly into natural waterways such as rivers, lakes, streams, etc.
METHODS FOR CONTAINMENT:	Use inert absorbent material and dispose in proper chemical waste container or approved waste treatment areas.

SECTION 7: HANDLING & STORAGE

HANDLING:	Use recognized standard safety practices. Handle with care to avoid contact.
STORAGE:	When not in use, keep closure on container closed. Store indoors. Keep away from heat and freezing conditions.

SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

CONTROL PARAMETERS:	General ventilation to control worker exposure to airborne contaminants. Ensure that eyewash stations are close to the workstation location.
EXPOSURE CONTROLS:	
RESPIRATORY:	Should vapors exceed PEL, wear NIOSH approved dust & organic respirator. Take particular care for exposure to SiO ₂ respirable dust.
SKIN:	Gloves recommended if exposure is prolonged- neoprene type.
EYES:	Avoid eye contact. Protective eye goggles are recommended if spraying or working on overhead structures or if direct contact is evident.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Orange, cream/paste.
ODOR:	Mild odor.
SOLUBILITY:	Dispersible
FLASH POINT:	210°F
FLAMMABILITY:	Not applicable.
SPECIFIC GRAVITY:	0.985 @ 25°C
BOILING POINT (°F):	185 °F
VAPOR PRESSURE:	18 @ 20°C
VAPOR DENSITY:	Greater than 1. (Air = 1)
MELTING POINT (°F):	Not Applicable
EVAPORATION RATE:	Less than 1. (Butyl Acetate = 1)

SECTION 10: STABILITY & REACTIVITY

CHEMICAL STABILITY:	Stable
HAZARDOUS REACTIONS:	None
HAZARDOUS POLYMERIZATION:	None
CONDITIONS TO AVOID:	None
INCOMPATIBLE MATERIALS:	Strong acid, alkali, oxidizing agents
HAZARDOUS DECOMPOSITION OF PRODUCTS:	Oxides of carbon

SECTION 11: TOXICOLOGICAL INFORMATION

LD50:	
SKIN:	Not established
INHALATION:	Not established
INGESTION:	Not established



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Primary route of entry is through skin with secondary route through inhalation.

ACUTE TOXICITY:	Possible skin irritation & drying. Potential for shortness of breath.
CHRONIC:	Long-term exposure to SiO ₂ respirable dust may cause wheezing, shortness of breath, and long-term silicosis.
CARCINOGENICITY:	
NTP:	No
IARC:	Yes

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not known.
PERSISTENCE & DEGRADABILITY:	Not considered to be a waste or environmental hazard. Biodegradable.
BIOACCUMULATIVE:	Not Known
OTHER ADVERSE EFFECTS:	None

SECTION 13: DISPOSAL INFORMATION

WASTE TREATMENT METHODS:	For small spills, contain all residues with inert absorbent material and dispose in chemical recycle container. For large spills, dyke or dam area and vacuum all wet areas for recycle. Consult all Federal, State, & Local Regulatory authorities for proper disposal. Avoid contact with soil, waterways, drains, and sewers unless such drains & sewers are fully compliant with the requirements of all authorities for disposal.
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SECTION 14: TRANSPORTATION INFORMATION

DOT SHIPPING COMMODITY:	Cleaning compounds
UN NUMBER:	Not Applicable
UN PROPER SHIPPING NAME:	Not Applicable.
TRANSPORT HAZARD CLASS:	None. Non-restricted for air, sea, or ground transport per DOT, TDG, IATA, IMDG
PACKING GROUP:	Not Applicable .
ENVIRONMENTAL HAZARDS:	Not Applicable
SPECIAL PRECAUTIONS:	None



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SECTION 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD:	Non-Regulated
SARA (311/312):	Non-Regulated
SARA TITLE III:	This product does not contain any chemical subject to the reporting requirements of Section 313.
OTHER REGULATORY STANDARDS:	Not regulated per 29 CFR 1900.1000 - 1500, 40 CFR PART 261.3, 302.4,355,370,372 .

SECTION 16: OTHER INFORMATION

HMIS RATING:	Health 2, Flammability 2, Reactivity 0, Personal Protection B.
NFPA RATING:	Health 2, Flammability 2, Reactivity 0
N/A:	Not available

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