

SAFETY DATA SHEET: NU-SHINE-II

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

1.1 APPLICABLE PART # **PC2202025LB, PC2202050LB, PC2202050OZ, PC220210LB, PC22021LB, PC22021OZ, PC220250LB, PC22031LB, PC220350LB, PC2204025LB, PC2204050LB, PC2204050OZ, PC2204050OZ, PC220410LB, PC22041LB, PC2204050LB, PC2206025LB, PC2206050LB, PC2206050OZ, PC220610LB, PC22061LB, PC22061OZ, PC220650LB, PC2221025LB, PC2221050LB, PC2221050OZ, PC222110LB, PC22211LB, PC222150LB, PC2241025LB, PC2241050LB, PC2241050OZ, PC224110LB, PC22411LB, PC224150LB, PC2271025LB, PC22711LB, PC227150LB, PC22775GL, PC22825GL, PC22841LB**

1.2 IDENTITY: **Nu-Shine-IIA, Nu-Shine-IIC, Nu-Shine-IIF7, Nu-Shine-IIF8, Nu-Shine-IIF9, Nu-Shine-IIF10, Nu-Shine-IIF7L, Nu-Shine-IIS, Nu-Shine-IISL**

1.3 INTENDED USE: **POLISHING COMPOUNDS FOR METAL**

1.4 SUPPLIER: **Universal Photonics, Inc.
85 Jetson Lane
Central Islip NY 11722**

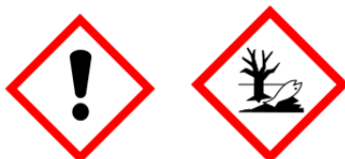
FOR INFORMATION CALL
CUSTOMER SERVICE: **(516) 935-4000**
DATE PREPARED: **June 20, 2016**

1.5 EMERGENCY TELEPHONE NUMBER: **1.866.519.4752** **3-E COMPANY - ACCT # 3665**

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE: **NONE**

2.2 GHS LABEL ELEMENTS:



HAZARD PICTOGRAM:

Irritant / Aquatic Hazard

HAZARD SYMBOL

IRRITANT

SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

**H315 – Causes skin irritation
H319 - Causes serious eye irritation
H335 – May cause respiratory irritation
H412 – Harmful to aquatic life with long lasting effects**

PRECAUTIONARY STATEMENTS:

**P233 - Keep container tightly closed
P261 - Avoid breathing dust/fumes/mist/vapors/spray
P262 - Do not get in eyes, on skin, or on clothing
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves/eye protection/protective clothing**

PREVENTION:

Wear protective gloves. Wear eye protection to include splash goggles. Wear protective clothing. Use with ventilation. Wash hands after handling.



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RESPONSE: In the event of skin, eye, respiratory contact or ingestion, seek medical attention immediately.

STORAGE: Keep container tightly closed when not in use. Do not return spent material back to original container.

DISPOSAL: Dispose of waste in accordance with all regulatory agencies.

2.3 HAZARDS NOT OTHERWISE CLASSIFIED: None known

2.4 UNKNOWN ACUTE TOXICITY: None known

SECTION 3: COMPOSITION INFORMATION

COMPONENTS	CAS #	CLASSIFICATION	WEIGHT %
Petroleum Distillates	64742-47-8	ASPIRATION TOXICITY, 1: H304, EYE IRRITATION, 1: H319 AQUATIC CHRONIC, 3: H412	16 – 30
Trade Secret Information *	N/A	N/A	70 - 84

NOTE: *Non-Regulated components are proprietary, confidential, and trade secret.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

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.

INGESTION: DO NOT induce vomiting. Immediately seek medical attention urgently. If vomiting does occur, keep head low so that vomit does not enter the lungs. Maintain an open airway.

4.2 MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE & DELAYED:

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.

INGESTION: Will cause serious gastric disturbances.

ENVIRONMENT: None known.

CHRONIC: None known



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4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

Immediately contact physician for further medical advice.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA: **Water spray, foam, dry chemical, CO₂**

UNSUITABLE EXTINGUISHING MEDIA: **None Known**

5.2 SPECIFIC HAZARDS ARISING FROM THE MIXTURE:

FIRE HAZARD: **None**

EXPLOSION HAZARD: **None**

REACTIVITY: **None**

EXPOSURE HAZARDS: **Oxides of carbon.**

UNUSUAL FIRE/EXPLOSION HAZARD: **None**

5.3 SPECIAL PROTECTIVE EQUIPMENT: **Wear full protective safety equipment as standard practice.**

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

NON-EMERGENCY PERSONNEL: **Wear appropriate personal protection equipment (PPE). Avoid contact with skin & eyes. Do not walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.**

EMERGENCY RESPONDERS: **Take note of any special instructions in Section 8.**

6.2 ENVIRONMENTAL PRECAUTIONS: **Do not introduce material directly into natural waterways such as rivers, lakes, streams, etc. or drains & sewers.**

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP:

SMALL SPILL: **Stop leak if safe to do so. Use inert absorbent material and dispose in proper chemical waste container or to approved waste treatment areas.**

LARGE SPILL: **Stop leak if safe to do so, Approach release from upwind. Prevent entry into sewers or natural waterways. Contain and collect with inert absorbent material and place in container for disposal according to local regulations (See Section 13). Dispose via a licensed waste disposal contractor.**



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6.4 REFERENCE TO OTHER SECTIONS: **See Section 8, Exposure Controls & Personal Protection**

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING: **Use recognized standard safety practices. Handle with care to avoid contact.**

7.2 CONDITIONS FOR SAFE STORAGE: **When not in use, keep closure on container closed. Store indoors. Keep away from heat and freezing conditions.**

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

OCCUPATIONAL EXPOSURE LIMITS:

COMPONENTS	CAS #	TLV (UNITS)
Petroleum Distillates	64742-47-8	500 ppm (OSHA) 200 ppm (ACGIH)
Amorphous Silica	61790-53-2	80 Mg/M3 (OSHA)

8.2 EXPOSURE CONTROLS:

CONTROL PARAMETERS: **General ventilation to control worker exposure to airborne contaminants. Ensure that emergency eyewash stations are in the immediate vicinity of any potential exposure.**

ENGINEERING CONTROLS: **If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust or other engineering controls to keep worker exposure below any recommended or statutory limits.**

PERSONAL PROTECTIVE CONTROLS:

HYGENE MEASURES: **Wash hands, forearms and face thoroughly after handling product. Remove contaminated clothing and wash before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.**

SKIN PROTECTION: **Chemical resistant, impervious gloves are recommended if exposure is prolonged – Neoprene type. Personal protective clothing for the body should be selected based upon the task being performed.**

EYES: **Avoid eye contact. Protective safety eyewear goggles are recommended if to avoid exposure to liquid splashes, mists, and dusts or when working on overhead structures if direct contact is evident.**

RESPIRATORY: **Should vapors exceed PEL, wear NIOSH approved dust & organic vapor respirator.**

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8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Cream / Paste
COLOR	Off white/ gray
ODOR:	Solvent odor - medium
ODOR THRESHOLD	Not determined
PH	8.5 – 9.5
SOLUBILITY:	Dispersible in water
FLASH POINT:	210 °F
LOWER FLAMMABLE LIMIT	None
UPPER FLAMMABLE LIMIT	None
AUTOIGNITION TEMPERATURE	Not applicable
DECOMPOSITION TEMPERATURE	Not applicable
FLAMMABILITY:	Not applicable
SPECIFIC GRAVITY:	1.12 - 1.20 at 25°C
BOILING POINT (°F):	212 °F
VAPOR PRESSURE:	18 at 20°C
VAPOR DENSITY:	Greater than 1 (Air = 1)
MELTING POINT (°F):	Not applicable
FREEZING POINT	Not applicable
EVAPORATION RATE:	Less than 1 (Butyl Acetate = 1)



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VISCOSITY: **Not determined**

PARTITION COEFFICIENT
N-OCTANOL / WATER: **Not Determined**

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY: **None**

10.2 CHEMICAL STABILITY: **Stable**

10.3 HAZARDOUS REACTIONS: **None**

HAZARDOUS POLYMERIZATION: **None**

10.4 CONDITIONS TO AVOID: **None**

10.5 INCOMPATIBLE MATERIALS: **Strong acid, alkali, oxidizing agents**

10.6 HAZARDOUS DECOMPOSITION OF PRODUCTS: **Oxides of carbon**

SECTION 11: TOXICOLOGICAL INFORMATION

NOTE: **Primary route of entry is through skin with secondary route through inhalation.**

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY: **Not classified.**

LD50:

SKIN: **Not established**

INHALATION: **Not established**

INGESTION: **Not established**

11.2 POTENTIAL ACUTE HEALTH EFFECTS:

SKIN: **Possible irritation and drying during prolonged contact**

EYES: **Will cause moderate irritation and cornea damage upon direct contact**

RESPIRATORY: **Will irritate nose & throat when breathing high concentrations**

INGESTION: **Will cause serious gastric disturbances**



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SYMPTOMS AFTER CONTACT:

SKIN:	Irritation, dryness, redness
EYES:	Pain, watering, burning, redness, moderate irritation
RESPIRATORY:	Irritation, asthmatic systems, dizziness
INGESTION:	Stomach pain, gastric disturbances

11.3 CHRONIC HEALTH EFFECTS: No known significant effects or critical hazards

11.4 CARCINOGENICITY:

NTP:	None
IARC:	None
OSHA:	None

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY:	Not known.
12.2 PERSISTENCE & DEGRADABILITY:	Not considered to be a waste or environmental hazard. Biodegradable.
12.3 BIOACCUMULATIVE POTENTIAL:	Not known
12.4 MOBILITY IN SOIL:	Not known
12.5 OTHER ADVERSE EFFECTS:	No known significant effects or critical hazards

SECTION 13: DISPOSAL INFORMATION

13.1 WASTE TREATMENT METHODS:	For small spills, contain all residues with inert absorbent material and dispose in chemical recycle container. For large spills, stop leak if safe to do so. Approach release from upwind. Dyke or dam area and vacuum all wet areas for recycle by a licensed waste disposal contractor. Avoid contact with soil, waterways, drains, and sewers unless such drains & sewers are fully compliant with the requirements of all authorities for disposal. Consult all Federal, State, & Local Regulatory authorities for proper disposal.
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SECTION 14: TRANSPORTATION INFORMATION

REGULATORY INFORMATION	UN NUMBER	PROPER SHIPPING NAME	CLASSES	PACKING GROUP	LABEL	ADDITIONAL INFORMATION
DOT CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
TDG CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
ADR/RID CLASS	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
IMDG CLASS	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
IATA-DGR	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE

SECTION 15: REGULATORY INFORMATION

15.1 U.S. FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD:	Non-regulated
TSCA	All ingredients are listed in the TSCA inventory
SARA (302/304):	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

15.2 STATE REGULATIONS:

Non-regulated

15.3 INTERNATIONAL REGULATIONS:

Non-regulated per EINECS / ELINCS / DSL / NDSL / IECSC / ENS / ECL / PICCS

SECTION 16: OTHER INFORMATION

HMIS RATING: Health 2, Flammability 1, Reactivity 0, Personal Protection B.

NFPA RATING: Health 2, Flammability 1, Reactivity 0





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DEFINITIONS:

DOT –	Department of Transportation
GHS –	The Globally Harmonized System of Classification and Labeling of Chemicals
HMIS -	Hazardous Materials Identification System
NIOSH –	National Institute for Occupational Safety and Health
NORM –	Natural Occurring Radioactive Materials
IATA –	International Air Transportation Association
IMO –	International Maritime Organization
OSHA –	Occupational Safety & Health Administration
TSCA –	Toxic Substance Control Act

SDS Revision #:9

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