



85 JETSON LANE, CENTRAL ISLIP, NEW YORK 11722

516.935.4000 FAX 516.935.4039

WWW.NUVITECHEMICAL.COM

WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

1.0 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**

1.1 INTENDED USE: **Metal Polishing Compound**

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, Nu-Shine-IIAL**

**NOTE: FOR NU-SHINE-IIG6, SEE SEPARATE SAFETY DATA SHEET**

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

FOR INFORMATION CALL  
CUSTOMER SERVICE: **(516) 935-4000**  
DATE PREPARED: **February 1, 2016**

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

### SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE: **Not Applicable**

2.2 GHS LABEL ELEMENTS:

HAZARD PICTOGRAM: **None**

HAZARD SYMBOL: **Not Applicable**

SIGNAL WORD: **Not Applicable**

HAZARD STATEMENTS: **H316 – Causes mild skin irritation  
H319 - Causes serious eye irritation  
H335 – May cause respiratory irritation**

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.**

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



85 JETSON LANE, CENTRAL ISLIP, NEW YORK 11722

516.935.4000 FAX 516.935.4039

WWW.NUVITECHEMICAL.COM

WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

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 #	WEIGHT %
Petroleum Distillates	64742-47-8	16-20
Trade Secret Information *	N/A	80 – 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



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

WWW.NUVITECHEMICAL.COM  
WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

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, CO<sub>2</sub>**

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.**

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

## SAFETY DATA SHEET: NU-SHINE-II

### 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)
<b>Petroleum Distillates</b>	<b>64742-47-8</b>	<b>500 ppm (OSHA) 200 ppm (ACGIH)</b>

#### 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.**

#### 8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):





85 JETSON LANE, CENTRAL ISLIP, NEW YORK 11722

516.935.4000 FAX 516.935.4039

WWW.NUVITECHEMICAL.COM

WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	<b>Cream / paste</b>
COLOR	<b>Off white – grey</b>
ODOR:	<b>Solvent odor - medium</b>
ODOR THRESHOLD	<b>Not determined</b>
PH	<b>8.5 – 9.5</b>
SOLUBILITY:	<b>Dispersible in water</b>
FLASH POINT:	<b>210°F</b>
LOWER FLAMMABLE LIMIT	<b>None</b>
UPPER FLAMMABLE LIMIT	<b>None</b>
AUTOIGNITION TEMPERATURE	<b>Not applicable</b>
DECOMPOSITION TEMPERATURE	<b>Not applicable</b>
FLAMMABILITY:	<b>Not applicable</b>
SPECIFIC GRAVITY:	<b>1.12 - 1.20 at 25°C</b>
BOILING POINT (°F):	<b>200 °F</b>
VAPOR PRESSURE:	<b>18 at 20°C</b>
VAPOR DENSITY:	<b>Greater than 1 (Air = 1)</b>
MELTING POINT (°F):	<b>Not applicable</b>
FREEZING POINT	<b>Not applicable</b>
EVAPORATION RATE:	<b>Less than 1 (Butyl Acetate = 1)</b>
VISCOSITY:	<b>Not applicable</b>
PARTITION COEFFICIENT N-OCTANOL / WATER:	<b>Not Determined</b>



85 JETSON LANE, CENTRAL ISLIP, NEW YORK 11722

516.935.4000 FAX 516.935.4039

WWW.NUVITECHEMICAL.COM

WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

### SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY:	<b>None</b>
10.2 CHEMICAL STABILITY:	<b>Stable</b>
10.3 HAZARDOUS REACTIONS:	<b>None</b>
HAZARDOUS POLYMERIZATION:	<b>None</b>
10.4 CONDITIONS TO AVOID:	<b>None</b>
10.5 INCOMPATIBLE MATERIALS:	<b>Strong acid, alkali, oxidizing agents</b>
10.6 HAZARDOUS DECOMPOSITION OF PRODUCTS:	<b>Oxides of carbon</b>

### 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:	<b>Not classified.</b>
LD50:	
SKIN:	<b>Not established</b>
INHALATION:	<b>Not established</b>
INGESTION:	<b>Not established</b>

#### 11.2 POTENTIAL ACUTE HEALTH EFFECTS:

SKIN:	<b>Possible irritation and drying during prolonged contact</b>
EYES:	<b>Will cause moderate irritation and cornea damage upon direct contact</b>
RESPIRATORY:	<b>Will irritate nose &amp; throat when breathing high concentrations</b>
INGESTION:	<b>Will cause serious gastric disturbances</b>
SYMPTOMS AFTER CONTACT:	
SKIN:	<b>Irritation, dryness, redness</b>
EYES:	<b>Pain, watering, burning, redness, moderate irritation</b>
RESPIRATORY:	<b>Irritation, asthmatic systems, dizziness</b>



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

WWW.NUVITECHEMICAL.COM  
WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

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.**

### SECTION 14: TRANSPORTATION INFORMATION

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



85 JETSON LANE, CENTRAL ISLIP, NEW YORK 11722

516.935.4000 FAX 516.935.4039

WWW.NUVITECHEMICAL.COM

WWW.UNIVERSALPHOTONICS.COM

## SAFETY DATA SHEET: NU-SHINE-II

### SECTION 15: REGULATORY INFORMATION

#### 15.1 U.S. FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD:	<b>Non-regulated</b>
TSCA	<b>Non-regulated</b>
SARA (302/304):	<b>Non-regulated</b>
SARA (311/312):	<b>Non-regulated</b>
SARA TITLE III:	<b>This product does not contain any chemical subject to the reporting requirements of Section 313.</b>
OTHER REGULATORY STANDARDS:	<b>Not regulated per 29 CFR 1900.1000 - 1500, 40 CFR PART 261.3, 302.4, 355, 370, 372</b>

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

#### DEFINITIONS:

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

**SDS Revision #: 8**

### DISCLAIMER

THIS SDS IS OFFERED IN GOOD FAITH WITHOUT WARRANTY OR REPRESENTATION SOLELY FOR THE BUYER'S USE IN THE EVALUATION OF THIS PRODUCT WITH RESPECT TO SAFETY, HEALTH, AND ENVIRONMENTAL USE. IT IS THE RESPONSIBILITY OF THE BUYER AND END USER TO DETERMINE THE DATA, INFORMATION WITH RESPECT TO APPLICABLE LAWS AND REGULATIONS, AND THE FITNESS & CHARACTER OF THIS PRODUCT PRIOR TO FULL SCALE USE. UNIVERSAL PHOTONICS AND OR NUVITE CHEMICAL COMPOUNDS (SELLER) ASSUMES NO LEGAL LIABILITY FOR ANY INJURY, ACCIDENT, LOSS, OR DAMAGE THROUGH THE USE OF THIS PRODUCT OF WHICH SUCH USES ARE BEYOND SELLER'S CONTROL. nushineII.06.15.sds