Product Name: NUVIO™ Negative Working Thermal CTP Plates

Section 1. Product and Company Identification

Product Name: NUVIO Plates

Supplier: Presstek, LLC
60 E. Main St.
Rockville, CT. 06066
U.S.A.

General inquiries: Contact Customer Service at 1-860-871-1200 or, send e-mail to: info@Presstek.com.

Section 2. Composition/Information on Ingredients

NUVIO printing plates are chemically inert media. During laser imaging, thermal byproducts maybe emitted in the form of gas, vapors and aerosols.

OSHA Regulatory Status
NUVIO plates are manufactured articles which are excluded from the requirements of the OSHA Hazard Communication standard (29 CFR 1910.1200). Under normal conditions of use, the NUVIO printing plates may emit minute or trace amounts of thermal byproducts and should not pose a physical hazard or health risk to workers. Potential thermal byproducts are emitted at concentrations substantially below recommended occupational health exposure limits. Overexposure to thermal byproducts should not occur in normal conditions of use and adverse health effects and symptoms are not expected.

Section 3. Hazards Identification

Emergency Overview
Flat metal sheets with bluish coating that pose little or no immediate hazard for emergency response personnel.

Potential Health Effects
Under normal conditions of use, the user will not be exposed to thermal byproducts at concentrations that will cause adverse health effects.

Inhalation: None
Eye Contact: None
Skin Contact: None
Ingestion: Not applicable
Section 4. First Aid Measures

**Inhalation:** No health effects expected. If symptoms are experienced, move victim to fresh air and obtain medical attention.

**Eye Irritation:** No health effects expected. If irritation does occur, move victim to fresh air. Flush eyes with lukewarm, gently flowing water for five minutes while holding eyelids open. IF irritation persists, consult a physician.

**Skin Irritation:** No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for five minutes. IF irritation persists, consult a physician.

**Ingestion:** Not an expected route of exposure during normal use. If ingested, consult a physician.

Section 5. Fire Fighting Measures

**Flash Point and Method:** Not applicable

**Flammable Limits in Air:** Not applicable

**Autoignition Temperature:** Not known

**Flammability Classification:** Not flammable as shipped.

**Extinguishing Media:** Dry chemical, water spray or media appropriate for surrounding material.

**Fire Fighting Instructions:** As in any fire, fire fighters should wear NIOSH approved pressure-demand, self-contained breathing apparatus (SCBA) and full protective gear.
Section 6. Accidental Release Measures

Not applicable. NUVIO plates could possibly create a slipping hazard on the floor. Collect plates for appropriate disposal.

Section 7. Handling and Storage

Handling: No special requirements.

Storage Conditions: Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Keep away from excessive moisture. Recommended storage temperatures are 50º F (10° C) to 80º F (27° C).

Section 8. Exposure Controls/Personal Protection

Engineering Controls:
Outdoor air requirements for general dilution ventilation as per ASHRAE Standard 62-1989 (Ventilation for Acceptable Indoor Air Quality) are recommended for commercial facilities with laser imagers regardless of the type of media that may be imaged. For office space, 20 cubic feet per minute (cfm) of outside air per person is recommended. For duplicating/printing rooms, 1.5 cfm of outside air per square foot of floor space is recommended.

Personal Protective Equipment

(PPE) Eye/face protection: None required

Skin protection: None required

Respiratory protection: None required

General Hygiene Considerations: There are no known health hazards associated with this plate when used as recommended. The following general hygiene considerations are recognized as common, good industrial hygiene practices:

- Wash hands after use and before eating
- Avoid breathing thermal byproducts
Section 9. Physical and Chemical Properties

Appearance: Flat, rectangular sheet with bluish coating
Odor: None
Physical state: Solid sheet
pH: Not applicable
Vapor pressure: Not applicable
Vapor density: Not applicable
Boiling point: Not applicable
Melting point: 1150-1220°F; 621-660°C (aluminum)
Solubility in water: Not soluble
Density: 2.70-2.73 g/cm³ (aluminum)
Octanol/water coefficient: Not applicable

Section 10. Stability and Reactivity

Stability: Stable
Conditions to avoid: None known
Materials to avoid: None known
Hazardous polymerization: Will not occur

Section 11. Toxicological Information

General Product Information:
The potential thermal byproducts of this late have not been tested as a whole for human or animal toxicity data.
Section 12. Ecological Information

This product has not been tested for environmental impact. No information is available regarding ecotoxicity or environmental fate.

Section 13. Disposal Considerations

Discarded plates may be incinerated or disposed as solid waste according to local solid waste rules. NUVIO palates are not a listed hazardous waste under RCRA and do not exhibit hazardous waste characteristics.

Section 14. Transport Information

This product is not regulated by the U.S. Department of Transportation (DOT).

This product is not regulated by the International Air Transport Association (IATA).

Section 15. Regulatory Information

Toxic Substances Control Act (TSCA)
This product is defined as an article and is exempt from the reporting requirements of TSCA.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
This product is defined as an article and is exempt from the reporting requirements of CERCLA.

Title III of the Superfund Amendments and Reauthorization Act (SARA Title III)
This product is defined as an article and is exempt from the reporting requirements of SARA.

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