Section I - Product Identification

Trade Names/Synonyms: Presstek PEARLdry™ Plus Plates for Xerox DocuColor 233/400 DI
Part No.: 8R8050, 8R8052

Product Use & Description: Nonphotosensitive, waterless, polyester-based printing plates for use with thermal laser imaging systems.

WHMIS Status: This is not a WHMIS controlled product.

Ingredients
Coated polyester film

Section II - Emergency and First Aid

Primary Route of Entry: Skin
Eyes: N.A.
N.A.

Skin: Wash with soap and water

Inhalation:
N.A.

Ingestion:
N.A.

Symptoms of Overexposure: None
Medical Conditions Generally Aggravated by Exposure: None

Additional Information: None

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

Oral LD$_{50}$: >10,000 mg/kg (rat)
Dermal LD$_{50}$: N.E.
Inhalation LC$_{50}$: N.E.
Eye Irritation: N.E.
Skin Sensitization: N.E.
Skin Irritation: N.E.
Human Patch: N.E.
Mutagenicity: N.E.
Aquatic LC$_{50}$: N.E.

TLV: N.E.
PEL: N.E.
STEL: N.E.
XEL\(^1\): N.E.

Additional Information: Under normal conditions of use, trace amounts of thermal byproducts may be emitted during laser imaging. The concentrations emitted are very low and substantially below recommended occupational health guidelines. No health effects or symptoms are expected in normal use of this product. Overexposure to thermal byproducts should not occur.

\(^1\) XEL-Xerox Exposure Limit

N.A. - Not Applicable  N.E. -None Established  N.D. -Not Determined
Section IV - Physical Data

Appearance/Odor: Solid sheet/ odorless
Boiling Point: N.A.
Solubility in Water: Not soluble
Evaporation Rate: N.A.
Vapor Density (Air=1): N.A.
Volatile: N.D. % (Wt) N.D. % (Vol.)

Softening Range: N.D.
Melting Point: ~500°F; 260°C (polyester)
Specific Gravity (H2O=1): N.D.
Vapor Pressure (mm Hg): Negligible@ 68°F (20°C) (polyester)

Section V - Fire and Explosion Data

Flash Point (Method Used): N.A.
Flammable Limits: LEL: N.A., UEL: N.A.
NFPA 704: N.D.
Extinguishing Media: Dry chemical, water spray, or media appropriate for surrounding material.
Special Fire Fighting Procedures: As in any fire, fire fighters should wear NIOSH approved pressure-demand self contained breathing apparatus (SCBA) and full protective gear.
Fire and Explosion Hazards: Potential combustion products emitted during a fire or other very high heat conditions may include: aldehydes (including formaldehyde), carbon oxides, incompletely burned compounds, silicon dioxide, hydrogen, terephthalic acid and irritating fumes.

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: Potential thermal byproducts emitted during laser imaging may include: formaldehyde, titanium and miscellaneous volatile organic compounds.
Incompatibility (Materials to Avoid): None known.

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended in Xerox equipment
Eye Protection: None required when used as intended in Xerox equipment
Protective Gloves: None required when used as intended in Xerox equipment
Other: None required when used as intended in Xerox equipment

Section VIII - Special Precautions

Handling and Storage: Recommended storage temperatures are 50 ºF (10 ºC) to 100 ºF (38 ºC).
Conditions to Avoid: 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.
Engineering Controls: The use of local exhaust and general dilution ventilation are recommended to control odor and potential thermal byproducts that may be emitted during laser imaging.

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage: N.A.
Waste Disposal Method: Discarded plates may be incinerated or disposed as solid waste according to local solid waste rules. PEARLdry Plus plates are not a listed hazardous waste under RCRA and do not exhibit hazardous waste characteristics. Consult with the appropriate State and Local waste disposal authorities for additional information.

Section X - Transportation Information

DOT Proper Shipping Name: N.A. (Not Regulated)
ID Number: N.A.
Hazard Classification: N.A.
Packing Group: N.A.