

UV lamp

HAZARDS IDENTIFICATION

-Potential Health Effects:

EYES: Conjunctivitis from overexposure to the light source; eye irritation from inhalation of ozone.

SKIN: Erythema (sunburn) which may be exaggerated with the use of sensitizing pharmaceutical and herbal products.

INHALATION: None from UV discharge lamp, inhalation of ozone may irritate the nose or cause headache and nausea. Refer to the coating MSDS for additional hazards.

ORAL: None from UV discharge lamp; inhalation of ozone may irritate the throat.

ACCIDENTAL RELEASE AND FIRST AID MEASURES

-First aid measures:

Eyes: Welders flash treatment

Inhalation: No first aid should be needed due to ultraviolet exposure

Ingestion: No first aid should be needed due to ultraviolet exposure

Personal precautions

Exposure to the eyes mainly should be avoided by the use of protective gear

-Methods and materials for containment and cleaning up

UV lamps contain mercury. Broken equipment should be placed in a sealed container and disposed as hazardous waste.

HANDLING AND STORAGE

Handling should be as minimum as possible to avoid breakage

MORE INFORMATION

Physical form: Solid

Colour: Clear

Odour: None

Specific Gravity @25°C: N/A

Viscosity: N/A

Freezing/Melting Point: N/A

Boiling Point: N/A

Vapour Pressure @25°C: N/A

Solubility in Water: Insoluble

pH: N/A

Volatile content: N/A

Stability: UV discharge lamps are stable

Conditions to avoid: Photosensitizing agents when UV discharge lamps are energized.

Hazardous Polymerization: Will not occur.