

SONY CORPORATION  
*M. Iwamoto*

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**MATERIAL SAFETY DATA SHEET**

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DATE PREPARED: September, 3, 1999

**1. PRODUCT & COMPANY IDENTIFICATION**

Product Name: UPP-110HG

Company Identification: SONY Corporation

Atsugi Technology Center No.2 4-16-1, Okata, Atsugi-shi Kanagawa-ken 243 JAPAN

Telephone : 0462-27-2276

Facsimile : 0462-27-2282

For Emergencies: Please call the telephone number listed above.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Family : Paper (Synthetic Thermal Recording Paper)

Composition : Polypropylene-film, Pigment, Binder, Dyes, Color developer, Synthetic resin

CAS# : 9003-07-0 (polypropylene)

**3. HAZARDS IDENTIFICATION**

Emergency Overview: No special hazards.

Potential Health Effects:

Eye Contact:

Solid or dusts may cause irritation or corneal injury due to mechanical action.

Skin Contact:

Essentially nonirritating to skin.

Ingestion:

Oral toxicity has not been determined. Oral toxicity is believed to be low.

Inhalation:

Dust may cause mechanical irritation of upper respiratory system. Inhalation of thermal decomposition or combustion will cause irritation of the respiratory tract, eyes and skin.

Chronic Effects/Carcinogenicity:

No specific data are available.

**4. FIRST AID MEASURES**

Inhalation:

Remove to fresh air. Get medical attention.

Eye Contact:

Irrigate with flowing water immediately and continuously for 15 minutes. Get medical attention.

Skin Contact:

Wash affected area with soap and water. If molten polymer contacts skin, cool as quickly as possible water. Don't attempt to peel from skin. Get medical attention.

Ingestion:

Induce vomiting if large amounts are ingested. Get medical attention.

**5. FIRE FIGHTING MEASURES**

Flash Point : Not applicable.  
Autoignition Temperature : 400~500°C  
Hazardous Decomposition Products : Carbon monoxide, carbon dioxide and organic vapors may be produced during thermal decomposition.

**Extinguishing Media:**

Water spray, water fog, foam, dry chemical or carbon dioxide.

**Fire & Explosion Hazards:**

Dense smoke emitted when burned without sufficient oxygen.

**Fire-Fighting Equipment:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive-pressure mode.

**6. ACCIDENTAL RELEASE MEASURES**

Sweep up, place in a bag and hold for waste disposal.

**7. HANDLING & STORAGE**

Material is slippery hazardous on any hard surface. Avoid to ride on material.

Do not handle or store near an open flame, sources of heat, or sources of ignition. Keep in a cool place and protect from direct sunlight.

Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION****Engineering Controls:**

Use adequate general or local exhaust ventilation to keep fume or dust levels as low as possible.

**Exposure guideline(s):**

None established.

**Respiratory Protection:**

None required where adequate ventilation condition exist. If airborne concentration is high, use an appropriate respirator or dust mask.

**Skin/ eye Protection:**

Safety glasses, proper gloves are recommended.

**9. PHYSICAL & CHEMICAL PROPERTIES**

Appearance : Coated synthetic paper with white color.  
Odor : Odorless.  
Boiling Point : Not applicable.  
Melting Point : 160~165°C (polypropylene)  
Vapor Pressure : Not applicable.  
Vapor Density(Air=1) : Not applicable.  
Evaporation Rate : Not applicable.  
Specific Gravity : 0.95 g/cm<sup>3</sup>  
pH : Not relevant.  
Solubility in Water : Insoluble.

**10. STABILITY & REACTIVITY****Stability: (Conditions to Avoid)**

Keep away from flames and spark-producing equipment.

**Incompatibility: (Specific Materials to Avoid)**

No relevant information found.

**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide and organic vapors may be produced during thermal decomposition.

**Hazardous Polymerization:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION****Acute Oral Toxicity:**

No relevant information found.

**Inhalation Toxicity:**

No relevant information found.

**Eye Irritation:**

No relevant information found.

**Skin Irritation:**

No relevant information found.

**Sensitization:**

No relevant information found.

**Carcinogenicity:**

Not listed by IARC, NTP, or OSHA.

**Reproductive Effects:**

No relevant information found.

**Mutagenicity:**

No relevant information found.

**12. ECOLOGICAL INFORMATION**

Not readily degradable.

**13. DISPOSAL CONSIDERATION**

Incineration or landfill. Follow all relevant regulations for disposal.

**14. TRANSPORT INFORMATION****15. REGULATORY INFORMATION****16. OTHER INFORMATION**

No specific notes.