# Material Safety Data Sheet

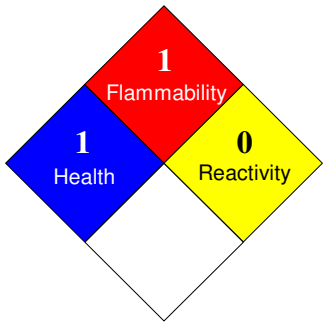
**Revision Date: 04/12/05**
**MSDS Number: OD02AYMS**

**Product Description:**
**REMAN HP 2500 YELLOW**

**Reorder Number:**
**OD02AY**

## 1. Product and Company Identification

**Nu-kote International, Inc**
**200 Beasley Dr**
**Franklin, TN 37064**




**Company Contact:** Nu-kote Rochester, NY Plant 8 AM - 5 PM Eastern Time Phone: (585) 458-1070
**Emergency Phone:** Chemtrec: (800) 424-9300 (24 Hour Service)

## 2. Composition/Information on Hazardous Ingredients

| INGREDIENT | CAS# | WEIGHT % | EXPOSURE LIMITS |
|---|---|---|---|
| Emulsion | 8907P | | |
| Metal Complex | 8909P, 8520P | | |
| Styrene Acrylate Copolymer | 8904P, 8905P, 8906P | | |
| Silica | 7631-86-9 | | PEL: 20mppcf. TLV: 10mg/m3 |

## 3. Hazards Identifications

### Potential Health Effects

**Eyes:** Could be an irritant.
**Skin:** Slight irritant.
**Ingestion:** Acute oral toxicity of this material is between 500 - 5000 mg/kg.
**Inhalation:** Minimal respiratory tract irritation may occur as with exposure to large amounts of nontoxic dust. TLV: 10mg/cubicmeter (Total Dust) - 5mg/cubicmeter (Respirable Dust)

## 4. First Aid Measures

**Eyes:** Flush with water.
**Skin:** Wash with soap and water.
**Ingestion:** Do not induce vomiting! Give 1-2 glasses of water and refer to medical personnel.
**Inhalation:** Remove from exposure. Consult medical personnel if respiratory symptoms develop.

## 5. Fire Fighting Measures

**Fire and Exposure Hazards:** Toner is a combustible powder. When dispersed in air it forms explosive mixtures.
**Extinguishing Media:** Water, foam, dry chemical.
**Fire Fighting Instructions:** Avoid inhalation of smoke.

## 6. Accidental Release Measures

Loose toner can be removed using a vacuum cleaner. Residue can be removed with soap and water. After removal of loose toner, garments may be washed or dry cleaned.

## 7. Handling and Storage

**Handling and Storage Precautions:** Avoid prolonged inhalation of excessive dust. Avoid storage temperatures in excess of 90 degrees Fahrenheit.

**Work/Hygienic Practices:** None required when cartridge is used in designated printer. In case of accidental release of toner, goggles and respirator may be required. Contact Nu-kote for information.

## 8. Exposure Controls/Personal Protection

**Eye/Face Protection:** None required when used as intended in copier or printer equipment.
**Skin Protection:** None required when used as intended in copier or printer equipment.
**Respiratory Protection:** None required when used as intended in copier or printer equipment.

## 9. Physical and Chemical Properties

**Appearance:** Plastic Cartridge containing finely divided yellow powder.
**Odor:** Faint
**Basic Physical Properties:** Melting point: N/A
Specific Gravity: ~1.0
Solubility in water: Negligible.

## 10. Stability and Reactivity

**Stability:** Material is stable.
**Conditions to Avoid (stability):** None
**Hazardous Decomposition Products:** Products of combustion are toxic. Avoid breathing smoke.
**Conditions to Avoid (polymerization):** Will not occur.
**Hazardous Polymerization:** Will not occur.

## 11. Toxicological Information

**Mutagenicity:** No mutagenicy detected by Ames Test.
**Carcinogens:** No components known to be carcinogenic.
**Medical Conditions Aggravated by Exposure:** None when used as described by product literature.
**Miscellaneous Toxicological Information:** In a Xerox sponsored chronic inhalation study in rats using a special toner, there were no lung changes at all in the lowest exposure level (mg/cubic meter). This is the most relevant level to human exposures. A very slight degree of fibroses was noted in 25% of the animals at the mid exposure level (4mg/cubic meter). While a slight degree of fibrosis was observed at the highest exposure level (16 mg/cubic meter) in all animals. These findings are attributed to "Lung Overloading". (A generic response to excessive amounts of any dust retained in the lungs for a prolonged interval). The special test toner was ten times more respirable than commercially available toners to comply with EPA testing protocol and would not function properly in a copier or printer. This material when used as intended does not represent a health or safety hazard.

## 12. Ecological Information

No information available.

## 13. Disposal Considerations

Do not incinerate. Conform with state, federal and local regulations.

## 14. Transportation Information

D.O.T. Shipping Name: Not regulated.

## 15. Regulatory Information

OSHA Status: Product not tested but is considered to be of relatively low toxicity.

TSCA Status: This product meets the requirements of the Toxic Substances Control Act.

SARA Title III: No toxic chemicals subject to the reporting requirements of Section 313 of Title III and of CFR 372 are present.

## 16. Other Information

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