Material Safety Data Sheet

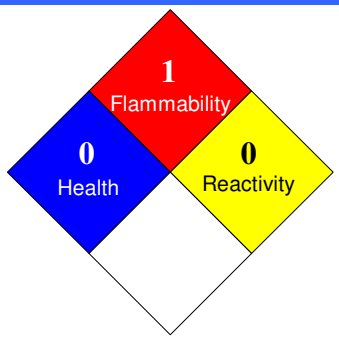
Revision Date: 04/20/06
MSDS: OD38AMCRMS

Product Description:
REMAN HP 4200 MICR

Reorder Number:
OD38AMCR

1. Product and Company Identification

Nu-kote International, Inc
1227 Ridgeway Ave
Rochester, NY 14615



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
Iron	Proprietary	n/a	n/a
Polypropylene Wax	Proprietary	n/a	n/a
Charge Control Agent	Proprietary	n/a	n/a
Polyester Resin	Proprietary	n/a	n/a
Styrene Butadiene Polymer	Proprietary	n/a	n/a

3. Hazards Identifications

Potential Health Effects

Eyes: Could be an irritant.
Skin: Slight irritant.
Ingestion: Practically non-toxic
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: N/A
Inhalation: Remove from exposure.

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.

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 black powder.
Odor: Faint
Basic Physical Properties: Melting point: n/a
Specific Gravity: > 1
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.

California Proposition 65: Does not contain any components.

16. Other Information

Disclaimer of Expressed and Implied Warranties

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for his or her particular purpose(s).

The above listed brand names and models designations are intended only to show the compatibility of this Nu-Kote product with various machines. Nu-Kote is not affiliated with the manufacturer of any of these machines. © Nu-Kote 2006 All Rights Reserved