Material Safety Data Sheet

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MSDS: 315AMS

Nu-kote International, Inc
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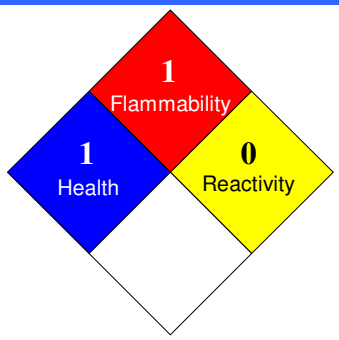

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Emergency Phone: Chemtrec: (800) 424-9300 (24 Hour Service)

1. Product Identification

Product Description:
REMAN HP 1150

Reorder Number:
315A

2. Composition/Information on Hazardous Ingredients

INGREDIENT	CAS#	WEIGHT %	EXPOSURE LIMITS
Silica	7631-86-9	< 1%	PEL: 20mppcf. TLV: 10mg/m³
Polypropylene Wax	9003-07-0	< 5%	PEL: 15mg/m³ TLV: 10mg/m³
Iron Oxide	1309-37-1	30 - 50%	TLV/PEL: 5mg/m³
Styrene Acrylate Copolymer	60163-90-8	40 - 65%	TLV: 5mg/m³

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.

4. First Aid Measures

Eyes: Flush with water.
Skin: Wash with soap and water.
Ingestion: Dilute stomach contents with several glasses of water.
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: 212°-284° F
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.

Ca Prop 65: Does not contain any components.

16. Other Information

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