Material Safety Data Sheet

Section I - Product Identification


Part No. :  WH: 6R821, 6R989, 6R1006, 6R1007, 6R1008 RX: 6R90252, 6R90302, 6R90321 FX: 6R850

Chemical Name: None

WHMIS Status: This is not a WHMIS controlled product.

Ingredients (% by wt.)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A propylene oxide fumarate polymer (60-75%)</td>
<td>39382-25-7</td>
</tr>
<tr>
<td>Iron powder (5-25%)</td>
<td>7439-89-6</td>
</tr>
<tr>
<td>Polyolefin (&lt;5%)</td>
<td>9003-07-0</td>
</tr>
<tr>
<td>Carbon black (&lt;5%)</td>
<td>1333-86-4</td>
</tr>
<tr>
<td>Silica, treated (&lt;5%)</td>
<td>68909-20-6</td>
</tr>
</tbody>
</table>

Section II - Emergency and First Aid

Inhalation Route of Entry: Symptoms of Overexposure:

Inhalation
Flush with water.

Medical Conditions Generally Aggravated by Exposure:

Skin: None when used as described by product literature.

Additional Information:

Inhalation:
Remove from exposure.

Ingestion:
Dilute stomach contents with several glasses of water.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation. The data presented below is for toner only and based on test results of similar xerographic toner materials.

Oral LD₅₀: >16 g/kg (rats) practically non-toxic.

Dermal LD₅₀: >2.3 g/kg (rabbits) practically non-toxic.

Inhalation LC₅₀: >5 mg/l (rats, 4 hr exposure) practically non-toxic.

>20 mg/l (rats, calculated 1 hr exposure) non-poisonous, DOT.

Eye Irritation: Not an irritant

Skin Sensitization: Not a sensitizer

Skin Irritation: Not an irritant.

Human Patch: Non-irritating, non-sensitizing.

Mutagenicity: No mutagenicity detected in Ames Assay.

Carcinogens: None present¹

Aquatic LC₅₀: >1000 mg/l (rainbow trout) non-toxic

Additional Information: In a Xerox sponsored chronic inhalation study in rats using a special test toner, there were no lung changes at all in the lowest exposure level (1 mg/m³), the most relevant level to potential human exposures. A very slight degree of fibrosis was noted in 25% of the animals at the middle exposure level (4 mg/m³) while a slight degree of fibrosis was observed at the highest exposure level (16mg/m³) 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 Xerox toner to comply with EPA testing protocol and would not function properly in Xerox equipment.
Appearance/Odor: Black granular/ faint odor
Boiling Point: N.A.
Solubility in Water: N.A.
Evaporation Rate: N.A.
Vapor Density (Air=1): N.A.
Volatile: N.A. % (Wt.) N.A. % (Vol.)

Section IV - Physical Data

Appearance/Odor:
Black granular/ faint odor

Boiling Point:
N.A.

Solubility in Water:
N.A.

Evaporation Rate:
N.A.

Vapor Density (Air=1):
N.A.

Volatile:
N.A. % (Wt.) N.A. % (Vol.)

Softening Range:
N.A.

Melting Point:
N.A.

Specific Gravity (H_2O=1)
~5

Evaporation Rate:
N.A.

Vapor Pressure (mm Hg):
N.A.

pH:
N.A.

Volatile:
N.A. % (Wt.) N.A. % (Vol.)

Section V - Fire and Explosion Data

Flash Point (Method Used):
N.A.

Flammable Limits:
LEL: N.A. UEL: N.A

NFPA 704:
N.D.

Extinguishing Media:
Water, foam, dry chemical.

Special Fire Fighting Procedures:
Avoid inhalation of smoke. Wear protective clothing and self-contained breathing apparatus.

Fire and Explosion Hazards:
None

Section VI - Reactivity Data

Stability:
Stable

Hazardous Polymerization:
Will Not Occur

Hazardous Decomposition Products:
Products of combustion may be toxic. Avoid breathing smoke.

Incompatibility (Materials to Avoid):
None

Section VII - Special Protection Information

Respiratory Protection:
None required when used as intended in Xerox equipment

Eye Protection:
None required when used as intended in Xerox equipment

Protective Gloves:
None required when used as intended in Xerox equipment

Other:
For use other than normal customer-operating procedures (such as in bulk toner processing facilities), goggles and respirators may be required.

Section VIII - Special Precautions

Handling and Storage:
None

Conditions to Avoid:
Avoid prolonged inhalation of excessive dust.

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage:
If spilled, sweep up or vacuum.

Waste Disposal Method:
This material is not a hazardous waste according to Federal Regulation 40 CFR 261 when disposed. State and Local requirements however, may be more restrictive. Consult with the appropriate State and Local waste disposal authorities for additional information.

Section X - Transportation Information

DOT Proper Shipping Name:
N. A. (Not Regulated)

Hazard Classification:
N. A.