Section I Product Identification

Trade Names/Synonyms: Felt Tip Pen for Conference Copier
Part No.: 8R2495, 8R3617, 8R2496, 8R3616, 8R2497, 8R3615

Chemical Name: None

Ingredients

<table>
<thead>
<tr>
<th>Ink</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (55-65%)</td>
<td>64-17-S</td>
</tr>
<tr>
<td>Isopropanol (25-35%)</td>
<td>67-63-O</td>
</tr>
<tr>
<td>Polyvinyl butyral resin (1.5%)</td>
<td>63148-65-2</td>
</tr>
</tbody>
</table>

Colorants:

- Blue: Blue pigment C.I. 69800 (1.5%) 81-77-6
- Black: Black pigment C.I. 77265 (1.5%) 7782-42-5
- Red: Red pigment C.I. 15585 (1.5%) 2092-56-O

Section II Emergency and First Aid

Eyes: Flush with water.
Skin: Wash with soap and water.
Inhalation: N.A.
Ingestion: N.A.
Primary Route of Entry: Skin (hand to eye)
Symptoms of Overexposure: May cause minimal irritation to eyes or skin.
Medical Conditions Generally Aggravated by Exposure: None when used as described by product literature.
Additional Information: None

Section III Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

<table>
<thead>
<tr>
<th>Toxicological Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD$_{50}$</td>
<td>None available</td>
</tr>
<tr>
<td>Dermal LD$_{50}$</td>
<td>None available</td>
</tr>
<tr>
<td>Inhalation LC$_{50}$</td>
<td>None available</td>
</tr>
<tr>
<td>Eye Irritation:</td>
<td>Not an irritant. $^3$</td>
</tr>
<tr>
<td>Skin Sensitization:</td>
<td>Not a sensitizer $^3$</td>
</tr>
<tr>
<td>Skin Irritation:</td>
<td>Not an irritant. $^3$</td>
</tr>
<tr>
<td>Human Patch</td>
<td>None available</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>No mutagenicity detected in the Ames Assay $^3$</td>
</tr>
<tr>
<td>Carcinogens</td>
<td>None present</td>
</tr>
<tr>
<td>Aquatic LC$_{50}$</td>
<td>None available</td>
</tr>
<tr>
<td>Additional Information</td>
<td>None</td>
</tr>
</tbody>
</table>

TLV: 1000 ppm (ethanol)
PEL: 1000 ppm (ethanol)
STEL: 500 ppm (isopropanol)
XEL: None established

$^1$ This product is considered an article in the United States of America (OSHA) and in Canada (WHMIS).
$^2$ This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
$^3$ Applies to main ingredients ethanol and isopropanol.
$^4$ XEL: Xerox Exposure Limit

N.A. - Not Applicable  N.E. - None Established  N.D. - Not Determined

600E66170
Section IV Physical Data

Appearance/Odor: ink pen/minimal odor
Boiling Point: 78°C (173°F)
Solubility in Water: Incompatible
Evaporation Rate: >2 (n-Butylacetate=1)
Vapor Density (Air=1): 1.59
Volatile: N.A. % (Wgt) 85% (Vol.)
Softening Range: N.A.
Melting Point: N.A.
Specific Gravity (H₂O=1): 0.80 (ink)
Vapor Pressure (mm Hg): N.A.
pH: N.D.

Section V Fire and Explosion Data

Flash Point (Method Used): 22°C (72°F) T.O.C.
Extinguishing Media: CO₂, foam, dry chemical.
Special Fire Fighting Procedures: None
Fire and Explosion Hazards: None
Flammable Limits: LEL: 3.3%
UEL: 19.0%

Section VI Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: None
Incompatibility (Materials to Avoid): Strong oxidizing agents.

Section VII Special Protection Information

Respiratory Protectmn: None required when used as intended.
Eye Protectmn: None required when used as intended.
Protective Gloves: None required when used as intended.
Other: None required when used as intended.

Section VIII Special Precautions

Handling and Storage: None
Conditions to Avoid: None

Section IX Spill, Leak, and Disposal Procedures

For Spills or Leakage: N.A.
Waste Disposal Method: No specific waste disposal method required. Dispose of in accordance with federal, state and local regulations.

Section X Transportation Information

Proper Shipping name: D.O.T. Ink
Class: 3
Group: II
UN ID#: 1210

Proper Shipping name: I.A.T.A. Ink
Class: 3
Group: II
UN ID#: 1210

Proper Shipping name: I.M.O. Ink
Class: 3.2
Group: II
UN ID#: 1210

49CFR Section 173.150 (h) Consumer Commodity ORM-D yes
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