1. Product and Company Identification

UN/ID No
UN 1993

Trade Name
Photoreceptor Polish for Xerox Products

Part no.
043P00069, 043P00076, 043P00080

Color
White

Pure substance/preparation
Preparation

Identified uses
Ink jet printing

Supplier Address
Xerox Corporation
Rochester, NY 14644

Xerox Canada LTD.
5650 Yonge Street
North York, Ontario M2M4G7

Emergency telephone
Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

2. Hazards Identification

Warning
Emergency Overview
Flammable liquid

<table>
<thead>
<tr>
<th>Color</th>
<th>Appearance</th>
<th>Physical state</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>No information available</td>
<td>Liquid</td>
<td>Alcohol</td>
</tr>
</tbody>
</table>

Classification of the substance or mixture

Consumers

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 2</td>
<td>Serious Eye Damage/Eye Irritation</td>
</tr>
<tr>
<td>Category 3</td>
<td>Specific Target Organ Toxicity (Single Exposure)</td>
</tr>
<tr>
<td>Category 3</td>
<td>Flammable liquids</td>
</tr>
</tbody>
</table>
GHS Label elements, including precautionary statements

![GHS Label](image)

**Signal Word**
- **Warning**

**Hazard Statements**
- H320 - Causes eye irritation
- H335 - May cause respiratory irritation
- H226 - Flammable liquid and vapor

**Precautionary Statements**
- P264 - Wash hands thoroughly after handling
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P312 - Call a POISON CENTRE/doctor/physician if you feel unwell
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
- P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P240 - Ground/Bond container and receiving equipment
- P242 - Use only non-sparking tools
- P243 - Take precautionary measures against static discharge

**Other hazards which do not result in classification**

**Potential Health Effects**
- **Principal Routes of Exposure**
  - Inhalation

**Acute toxicity**
- Eyes: May cause irritation
- Skin: Does not cause skin irritation or sensitization.
- Inhalation: May cause irritation of respiratory tract
- Ingestion: May be harmful if swallowed, Potential for aspiration if swallowed

**Chronic effects**
- **Main symptoms**
  - May cause central nervous system depression
  - May cause cardiac arrhythmia

**Environmental hazard**
- See Section 12 for additional Ecological Information
3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic hydrocarbon mixture</td>
<td>68514-35-2</td>
<td>35-40</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>35-40</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>7631-86-9</td>
<td>20-25</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

4. First Aid Measures

General advice
When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes

Skin contact
Wash skin with soap and water

Inhalation
Move to fresh air

Ingestion
Dilute stomach contents with several glasses of water
Do NOT induce vomiting

Notes to physician
Aspiration hazard if swallowed - can enter lungs and cause damage

Protection of first-aiders
No special protective equipment required

5. Fire-Fighting Measures

Flammable properties
Flammable liquid

Flash point
29 °C / 84 °F
Cleveland Open Cup (COC)

Suitable extinguishing media
Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO₂)

Unsuitable extinguishing media
Do not use straight streams

Specific hazards arising from the chemical

Hazardous combustion products
May emit toxic fumes under fire conditions

Explosion Data
Sensitivity to Mechanical Impact
Not impact sensitive
Sensitivity to Static Discharge
May be ignited by heat, sparks or flames

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions
Ensure adequate ventilation
For personal protection see section 8
Methods for containment
Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal

Methods for cleaning up
After cleaning, flush away traces with water.

Other Information
The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

7. Handling and Storage

Advice on safe handling
Avoid contact with eyes
Ensure adequate ventilation

Technical measures/Storage conditions
Keep away from heat and sources of ignition

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice

8. Exposure Controls/Personal Protection

Exposure guidelines
Xerox Exposure Limit
Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>STEL  400 ppm</td>
<td>TWA: 400 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 200 ppm</td>
<td>TWA: 980 mg/m³</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>STEL: 10 mg/m³</td>
<td>TWA: 5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA: 2 mg/m³</td>
<td>TWA: 15 mg/m³</td>
</tr>
</tbody>
</table>

Occupational Exposure Controls

Engineering measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Consumer use
These recommendations apply to the product as supplied

Respiratory protection
None required under normal usage

Eye/Face protection
Safety glasses with side-shields

Skin and body protection
No special protective equipment required

Hand protection
Polyvinylchloride (PVC), Rubber gloves

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
</tbody>
</table>
**Photoreceptor Polish**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>6.5</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>29 °C / 84 °F</td>
</tr>
<tr>
<td><strong>Softening point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Vapor pressure</strong></td>
<td>31 mmHg @ 20 °C</td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>5.17 (air = 1)</td>
</tr>
<tr>
<td><strong>Water solubility</strong></td>
<td>Negligible</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Partition coefficient</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>2.9 (BuAc = 1)</td>
</tr>
<tr>
<td><strong>Melting point/range</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Freezing point</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Specific gravity</strong></td>
<td>0.77 (water = 1)</td>
</tr>
<tr>
<td><strong>Volatility</strong></td>
<td>70.6%</td>
</tr>
<tr>
<td><strong>Flammability Limits in Air</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Boiling point/range</strong></td>
<td>80-187 °C</td>
</tr>
<tr>
<td><strong>Autoignition temperature</strong></td>
<td>No information available</td>
</tr>
</tbody>
</table>

**10. Stability and Reactivity**

**Reactivity**
No dangerous reaction known under conditions of normal use

**Stability**
Stable

**Incompatible products**
Strong oxidizing agents

**Conditions to Avoid**
Heat, flames and sparks

**Hazardous Decomposition Products**
Carbon dioxide (CO₂)

**Hazardous polymerization**
Hazardous polymerization does not occur

**Hazardous reactions**
None under normal processing

**11. Toxicological Information**

**Acute toxicity**

**Product information**

**Irritation**
Irritating to eyes

**LD50 Oral**
5 g/kg (rat) Practically non-toxic

**LD50 Dermal**
2 g/kg (rabbit) Practically non-toxic

**Component information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (rat)</th>
<th>LD50 Dermal (rabbit)</th>
<th>LC50 Inhalation (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic hydrocarbon mixture</td>
<td>10000 mg/kg</td>
<td>3160 mg/kg</td>
<td>2200 mg/m³</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>1870 mg/kg</td>
<td>4059 mg/kg</td>
<td>72600 mg/m³</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>5000 mg/kg</td>
<td>2000 mg/kg</td>
<td>2.2 mg/L</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>5000 mg/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Chronic toxicity**

**Main symptoms**
May cause central nervous system depression May cause cardiac arrhythmia

**Carcinogenicity**
The table below indicates whether each agency has listed any ingredient as a carcinogen

**Other toxic effects**

**Product information**

**Sensitization**
Not a sensitizer
12. Ecological Information

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>1000 mg/L EC50 96 h (Desmodesmus subspicatus) 1000 mg/L EC50 72 h (Desmodesmus subspicatus)</td>
<td>LC50= 9640 mg/L Pimephales promelas 96 h LC50&gt; 1400000 µg/L Lepomis macrochirus 96 h LC50= 11130 mg/L Pimephales promelas 96 h</td>
<td>EC50 = 35390 mg/L 5 min</td>
<td>EC50 = 13299 mg/L 48 h</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>440 mg/L EC50 72 h (Pseudokirchneriellia subcapitata)</td>
<td>LC50= 5000 mg/L Brachydanio rerio 96 h</td>
<td></td>
<td>EC50 = 7600 mg/L 48 h</td>
</tr>
</tbody>
</table>

Persistence and degradability
No product level data available

Bioaccumulation
No product level data available

Mobility
No product level data available

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available

13. Disposal Considerations

Waste Disposal Methods
Do not contaminate surface water
Small quantity exemptions may apply.
This material should be disposed of using fuels blending, solvent recycling or incineration treatment methods.

Contaminated packaging
Dispose of in accordance with local regulations.

California Waste Status
This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>Toxic Ignitable</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>Toxic</td>
</tr>
</tbody>
</table>

14. Transport Information

Note
Subject to regulation as noted below
15. Regulatory Information

International Inventories
TSCA Complies

U.S. Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Acute Health Hazard: Yes
Fire Hazard: Yes

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Component</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>1314-13-2 (110)</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any HAPs.

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

TSCA
This product complies with TSCA12(b)

U.S. State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations
This product is subject to U.S. State Right-to-know regulations as noted below.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Hazard Class
B2 Flammable liquid
D2B Toxic materials

NPRI
This product contains the following substances listed on the NPRI for Canada:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>X</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>X</td>
</tr>
</tbody>
</table>

16. Other Information

Issuing Date 1983-03-18
Revision Date 2015-05-18
Revision Note Updated for OSHA HazCom 2012 and WHMIS 2015

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.