

# Safety Data Sheet

SDS # : D-0406

## Photoreceptor Pumice

Issuing Date 1983-03-18

Revision Date 2018-06-20

Version 1

**Active**

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Identifier**

**Product Name**  
 Photoreceptor Pumice for Xerox Products

**Part no.** 043P00070, 043P00077

**Color** Gray  
**Pure substance/mixture** Mixture

**Relevant identified uses of the substance or mixture and uses advised against**

**Recommended Use** Xerographic printing

**Details of the supplier of the safety data sheet**

**Supplier** Xerox Corporation  
 Webster, NY 14580

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

**For further information, please contact**

**Contact person** Manager, Environment, Health, Safety & Sustainability  
**E-mail address** askxerox@xerox.com  
**Emergency telephone** Safety Information US: (800) 275-9376  
 Chemical Emergency only (Chemtrec) (800) 424-9300

2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Serious eye damage/eye irritation	Category 2
Flammable liquids	Category 3

**Label elements**

**Symbol(s)**


**Signal Word**

Warning

**Hazard Statements**

 H320 - Causes eye 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  
 P337 + P313 - If eye irritation persists: Get medical advice/attention  
 P501 - Dispose of contents/container to an approved waste disposal plant  
 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  
 P233 - Keep container tightly closed  
 P240 - Ground/Bond container and receiving equipment  
 P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment  
 P242 - Use only non-sparking tools  
 P243 - Take precautionary measures against static discharge  
 P403 + P235 - Store in a well-ventilated place. Keep cool

**Other hazards**

No hazard expected under normal conditions of use

**3. COMPOSITION/INFORMATION ON INGREDIENTS**
**Mixtures**

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Aliphatic hydrocarbon mixture	68514-35-2	35-40	--	--
Feldspar	68476-25-5	25-30	--	--
Isopropyl alcohol	67-63-0	15-20	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H319 H335 H336 H225
Amorphous silica	112945-52-5	10-15	--	--
Zinc oxide	1314-13-2	<5	Acute Aquatic 1 Chronic Aquatic 1	H400 H410

"--" indicates no classification or hazard statements apply.

Full text of H- statements: see section 16

**4. FIRST AID MEASURES**

**Description of first-aid measures**

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
<b>Skin contact</b>	Wash off with warm water and soap
<b>Inhalation</b>	Move to fresh air, If symptoms persist, call a physician
<b>Ingestion</b>	Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention

**Most important symptoms and effects, both acute and delayed**

**Acute toxicity**

<b>Eyes</b>	Irritating to eyes
<b>Skin</b>	No known effect
<b>Inhalation</b>	Harmful by inhalation
<b>Ingestion</b>	Harmful if swallowed

**Main symptoms**

May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination

**Indication of immediate medical attention and special treatment needed**

<b>Protection of first-aiders</b>	No special protective equipment required
<b>Notes to physician</b>	Treat symptomatically

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

<b>Suitable extinguishing media</b>	Dry chemical, Carbon dioxide (CO <sub>2</sub> ), Foam
<b>Unsuitable extinguishing media</b>	Do not spray on an open flame or any whitehot material

**Special hazards arising from the substance or mixture**

**Advice for fire-fighters**

Wear self-contained breathing apparatus and protective suit

**Other information**

<b>Flash point</b>	29 °C / 84 °F
<b>Method</b>	Cleveland Open Cup

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Impervious gloves, Ensure adequate ventilation, For personal protection see section 8

**Environmental precautions**

No special environmental precautions required

**Methods and material for containment and cleaning up**

**Methods for containment** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)

**Reference to other sections**

See section 12 for additional ecological information  
See Section 13 for additional information

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling**

When using, do not eat, drink or smoke  
For personal protection see section 8

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice

**Conditions for safe storage, including any incompatibilities**

**Technical measures and storage conditions**

Store the packed products (drums, samples, cans ...) in properly ventilated rooms, away from damp, heat and any potential source of ignition.

**Incompatible products**

Strong oxidizing agents

**Specific end uses**

Xerographic printing

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Limits**

Chemical Name	ACGIH TLV	OSHA PEL
Isopropyl alcohol	STEL 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup>
Zinc oxide	STEL 10 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>

**Exposure controls**

**Engineering measures**

Ensure adequate ventilation, especially in confined areas

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye/Face protection**

Safety glasses with side-shields

**Hand protection**

Polyvinylchloride (PVC), Rubber gloves

**Skin and body protection**

No special protective equipment required

**Respiratory protection**

None under normal use conditions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Appearance</b>	Gritty	<b>Odor</b>	Alcohol
<b>Physical state</b>	Liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	Gray	<b>pH</b>	7.4
<b>Flash point</b>	29 °C / 84 °F	<b>Method</b>	Cleveland Open Cup
<b>Softening point</b>	80-187 °C		
	Not applicable		
<b>Evaporation rate</b>	No information available		
<b>Volatility</b>	58% (Wt.) N.A. % (Vol.)		
<b>Flammability Limits in Air</b>	Not determined		
<b>Vapor pressure</b>	20 mmHg @ 312 °C		
<b>Vapor density</b>	5.17 (air = 1)		

<b>Specific gravity</b>	1.09 (water = 1)
<b>Water solubility</b>	Negligible
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	Not applicable

**Other information**

None

**10. STABILITY AND REACTIVITY**

**Reactivity**

No dangerous reaction known under conditions of normal use

**Chemical stability**

Stable under normal conditions

**Possibility of hazardous reactions**

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur

**Conditions to avoid**

Heat, flames and sparks

**Incompatible Materials**

Strong oxidizing agents

**Hazardous decomposition products**

Carbon dioxide (CO<sub>2</sub>)

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity**

**Product Information**

<b>Irritation</b>	Irritating to eyes
<b>Oral LD50</b>	5 g/kg (rat) Practically non-toxic
<b>Dermal LD50</b>	2 g/kg (rabbit) Practically non-toxic

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Aliphatic hydrocarbon mixture	10000 mg/kg ( Rat )	3160 mg/kg ( Rabbit )	2200 mg/m <sup>3</sup> ( Rat ) 4 h
Isopropyl alcohol	5045 mg/kg ( Rat )	4059 mg/kg ( Rabbit )	72600 mg/m <sup>3</sup> ( Rat ) 4 h
Amorphous silica	3160 mg/kg ( Rat )		
Zinc oxide	5000 mg/kg ( Rat )		

**Chronic toxicity**

<b>Sensitization</b>	Not a sensitizer
<b>Neurological Effects</b>	No information available
<b>Target organ effects</b>	No information available

**CMR Effects**

<b>Mutagenic effects</b>	Not expected to be mutagenic
<b>Reproductive toxicity</b>	No information available

**Carcinogenicity** Contains no ingredient listed as a carcinogen

**Other toxic effects**

**Aspiration Hazard** Not applicable

**12. ECOLOGICAL INFORMATION**

**Toxicity**

**Acute Aquatic Toxicity** On available data, substance is not harmful to aquatic life.

**Chronic Aquatic Toxicity** On available data, substance is not harmful to aquatic life.

**Component Information**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Isopropyl alcohol	1000 mg/L EC50 96 h (Desmodesmus subspicatus) 1000 mg/L EC50 72 h (Desmodesmus subspicatus)	LC50= 9640 mg/L Pimephales promelas 96 h LC50= 11130 mg/L Pimephales promelas 96 h LC50> 1400000 µg/L Lepomis macrochirus 96 h		EC50 = 13299 mg/L 48 h

**Persistence and degradability**

Not readily biodegradable

**Bioaccumulative potential**

Bioaccumulation is unlikely

**Mobility in soil**

Insoluble in water

**Component Information**

Chemical Name	log Pow
Isopropyl alcohol	0.05

**Other adverse effects**

Presents little or no hazard to the environment

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Methods**

This material should be disposed of as a hazardous waste in the United States (D001 EPA code) and Canada.

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.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol	Toxic Ignitable
Zinc oxide	Toxic

**14. TRANSPORT INFORMATION**

Subject to regulation as noted below

Regulation	UN/ID No	Proper shipping name	Hazard class	Subsidiary hazard class	Packing Group	Exceptions
DOT	UN 1993	Flammable liquid n.o.s. (Toluene, Tetrahydrofuran)	3	--	III	Limited Quantity : 49CFR 173.150(b)
TDG	UN1993	Flammable liquid n.o.s. (Toluene, Tetrahydrofuran)	3	--	III	1.17 Limited Quantities
ICAO/IATA	UN1993	Flammable liquid n.o.s. (Toluene, Tetrahydrofuran)	3	--	III	2.7 Limited Quantities
IMDG/IMO	UN1993	Flammable liquid n.o.s. (Toluene, Tetrahydrofuran)	3	--	III	3.4 Limited Quantities

15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Canada**

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

**International Inventories**

TSCA Complies  
 DSL/NDSL 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:

Chemical Name	CAS No.	SARA 313 - Threshold Values %
Feldspar	68476-25-5	1.0
Isopropyl alcohol	67-63-0	1.0
Zinc oxide	1314-13-2	1.0

**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):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc oxide		X		

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**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

**US 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.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Feldspar		X	X		

Isopropyl alcohol	X	X	X		
Zinc oxide	X	X	X		

16. OTHER INFORMATION

**Issuing Date** 1983-03-18  
**Revision Date** 2018-06-20  
**Revision Note** Out-of-date for Canada

**Full text of H-Statements referred to under sections 2 and 3**

- H225 - Highly flammable liquid and vapor
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects

**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.

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