

Safety Data Sheet

SDS # : D-0582

Touch Up Paint

Issuing Date 2002-11-06

Revision Date 2015-05-20

Version 1

Active

1. Product and Company Identification

Trade Name Xerox X-0.5 Quartz for Xerox Products
White Touch Up Paint

Part no. 093K01030

Color White
Pure substance/preparation Preparation

Identified uses Paint

Distributor Xerox Corporation
Rochester, NY 14644

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

2. Hazards Identification

Warning

Emergency Overview

May cause skin and eye irritation

Color
White

Appearance
Opaque

Physical state
Liquid

Odor
Slight ammonia

Classification of the substance or mixture

Consumers

Acute Dermal Toxicity	Category 4
Serious Eye Damage/Eye Irritation	Category 2
Specific Target Organ Toxicity (Single Exposure)	Category 2

GHS Label elements, including precautionary statements



Signal Word

Warning

Hazard Statements

H312 - Harmful in contact with skin
H319 - Causes serious eye irritation
H371 - May cause damage to organs

Precautionary Statements

P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P312 - Call a POISON CENTRE/doctor/physician if you feel unwell
P362 - Take off contaminated clothing and wash before reuse
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
P270 - Do not eat, drink or smoke when using this product
P307 + P311 - IF exposed: Call a POISON CENTRE or doctor/physician
P501 - Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

Potential Health Effects

Principle Routes of Exposure

Inhalation, Eye contact, Skin contact

Acute toxicity

Eyes

Contact with eyes may cause irritation

Skin

Prolonged or repeated contact may cause skin irritation

Inhalation

Irritating to respiratory system

Ingestion

No known effect

Chronic effects

Chronic toxicity

Prolonged skin contact may defat the skin and produce dermatitis

Environmental hazard

See Section 12 for additional Ecological Information

3. Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Water	7732-18-5	40-50
Acrylic resin	PROPRIETARY	12-15
Titanium dioxide	13463-67-7	10-15
Alkyd resin solution	PROPRIETARY	9-10
2-Butoxyethanol	111-76-2	6-6.5
Amine Modified Polyethylene Wax	NOT AVAILABLE	2-7
Butyl carbitol	112-34-5	2-3
Aromatic hydrocarbon	64742-94-5	1-2
N-Butyl alcohol	71-36-3	1-2

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 Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Skin contact Wash skin with soap and water

Inhalation Remove from exposure, lie down
If not breathing, give artificial respiration

Ingestion Clean mouth with water and afterwards drink plenty of water
Do not induce vomiting without medical advice

Notes to physician Treat symptomatically

Protection of first-aiders No special protective equipment required

5. Fire-Fighting Measures

Flammable properties Not flammable

Flash point Method > 121 °C / > 250 °F
Tag closed cup

Suitable extinguishing media Carbon dioxide (CO₂), Dry chemical, Alcohol-resistant foam, Water spray or fog

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical
Vapors may form explosive mixtures with air

Hazardous combustion products May emit toxic fumes under fire conditions

Explosion Data

Sensitivity to Mechanical Impact Not impact sensitive

Sensitivity to Static Discharge Not sensitive

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

Environmental Precautions Eliminate all ignition sources if safe to do so

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)

Methods for cleaning up Soak up with inert absorbent material.

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 Handle in accordance with good industrial hygiene and safety practice

Technical measures/Storage conditions Keep container tightly closed in a dry and well-ventilated place
Store in original container

Hygiene measures None under normal use conditions

8. Exposure Controls/Personal Protection

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³

2-Butoxyethanol	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ S*
Butyl carbitol	TWA: 10 ppm	
N-Butyl alcohol	TWA: 20 ppm	TWA: 100 ppm TWA: 300 mg/m ³

Occupational Exposure Controls

Engineering measures None under normal use conditions.

Personal Protective Equipment

Consumer use These recommendations apply to the product as supplied

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

Eye/Face protection If splashes are likely to occur, wear: Safety glasses with side-shields

Skin and body protection No special protective equipment required

Hand protection No special protective equipment required

9. Physical and Chemical Properties

Appearance	Opaque	Odor	Slight ammonia
Odor threshold	No information available	Physical state	Liquid
pH	8.4-9.2	Color	White
Flash point	> 121 °C / > 250 °F	Boiling point/range	150-230 °C / 302-477 °F
Softening point	Not applicable	Autoignition temperature	No information available

Volatile Organic Compounds	1.17 lb/gal	
Flammability Limits in Air	Upper 24.6%	Lower 0.9%

Vapor pressure	Not determined
Vapor density	Heavier than air
Water solubility	Soluble in water
Viscosity	4500-5500 cps
Partition coefficient	No information available
Evaporation rate	Not determined
Melting point/range	No information available
Freezing point	No information available
Decomposition temperature	Not determined
Specific gravity	1.13

10. Stability and Reactivity

Reactivity No dangerous reaction known under conditions of normal use

Stability	Stable under normal conditions
Incompatible products	None known
Conditions to Avoid	Avoid heat, sparks, and open flames
Hazardous Decomposition Products	Carbon dioxide (CO ₂), Carbon monoxide (CO), Nitrogen oxides (NO _x), Acrolein (possibly)
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. Toxicological Information

Acute toxicity

Product information No acute toxicity information is available for this product

Component information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Titanium dioxide	10000 mg/kg (Rat)		
2-Butoxyethanol	470 mg/kg (Rat)	99 mg/kg (Rabbit)	450 ppm (Rat) 4 h
Butyl carbitol	3384 mg/kg (Rat)	2700 mg/kg (Rabbit)	
Aromatic hydrocarbon	5000 mg/kg (Rat)	2 mL/kg (Rabbit)	590 mg/m ³ (Rat) 4 h
N-Butyl alcohol	700 mg/kg (Rat) 790 mg/kg (Rat)	3400 mg/kg (Rabbit) 3402 mg/kg (Rabbit)	8000 ppm (Rat) 4 h

Chronic toxicity

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

Chemical Name	IARC	NTP
Titanium dioxide	2B	

Other information

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". The classification is based on studies in rats using pure, unbound TiO₂. Based on the review of available study results, when this product is used as intended, Xerox has concluded that the presence of titanium dioxide in this mixture does not present an increased risk of lung cancer or chronic respiratory disease.

Other toxic effects

Product information

Sensitization	No information available
Mutagenic effects	No information available
Teratogenicity	No information available
Target organ effects	No information available
Aspiration Hazard	Not applicable
Other adverse effects	No information available

12. Ecological Information

Ecotoxicity

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

Component information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
2-Butoxyethanol		LC50= 1490 mg/L Lepomis macrochirus 96 h LC50= 2950 mg/L Lepomis macrochirus 96 h		EC50 > 1000 mg/L 48 h EC50 1698 - 1940 mg/L 24 h

Butyl carbitol	100 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50= 1300 mg/L Lepomis macrochirus 96 h	EC50 > 100 mg/L 48 h EC50 = 2850 mg/L 24 h
Aromatic hydrocarbon	2.5 mg/L EC50 72 h (Skeletonema costatum)	LC50= 19 mg/L Pimephales promelas 96 h LC50= 2.34 mg/L Oncorhynchus mykiss 96 h LC50= 1740 mg/L Lepomis macrochirus 96 h LC50= 45 mg/L Pimephales promelas 96 h LC50= 41 mg/L Pimephales promelas 96 h	EC50 = 0.95 mg/L 48 h
N-Butyl alcohol	500 mg/L EC50 96 h (Desmodesmus subspicatus) 500 mg/L EC50 72 h (Desmodesmus subspicatus)	LC50 1730 - 1910 mg/L Pimephales promelas 96 h LC50 100000 - 500000 µg/L Lepomis macrochirus 96 h LC50= 1910000 µg/L Pimephales promelas 96 h LC50= 1740 mg/L Pimephales promelas 96 h	EC50 = 1983 mg/L 48 h EC50 1897 - 2072 mg/L 48 h

Persistence and degradability No product level data available

Bioaccumulation No product level data available

Mobility No product level data available

Component information

Chemical Name	log Pow
2-Butoxyethanol	0.81
Solvent naphtha (petroleum), heavy arom	2.9 - 6.1
Butanol	0.785

Other adverse effects No information available

13. Disposal Considerations

Waste Disposal Methods Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State/Provincial, and Local regulations.

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
Butanol	Toxic

14. Transport Information

Note This material is not subject to regulation as a hazardous material for shipping.

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:

Chemical Name	CAS-No	SARA 313 - Threshold Values %
2-Butoxyethanol	111-76-2	1.0
Butyl carbitol	112-34-5	1.0
N-Butyl alcohol	71-36-3	1.0

SARA 311/312 Hazard Categories No information available

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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

This product contains the following HAPs:

Chemical Name	CAS-No	Weight %	HAPS data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Butyl carbitol	112-34-5	2-3	Present		

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Butanol	5000 lb	

TSCA

This product complies with TSCA12(b)

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Titanium dioxide	13463-67-7	Carcinogen

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
Titanium dioxide	X	X	X		X
2-Butoxyethanol	X	X	X	X	X
Butyl carbitol		X	X	X	
N-Butyl alcohol	X	X	X		X

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.

16. Other Information

Issuing Date 2002-11-06
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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.

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