

Material Safety Data Sheet

Kodak Polychrome
GRAPHICS

Plate Finisher 850S / US/C

1. Chemical Product and Company Identification

Common Name : Plate Finisher 850S / US/C

Synonym : CIN 10095535; PCD 6284; E-0014.200

Catalog number : 8865180; 1511278; 1064401; 1031889

Area of Application : Industrial applications. Graphic Arts Imaging.

Supplier : Kodak Polychrome Graphics
401 Merrit 7
Norwalk, CT 06851
USA
Tel. (203) 845-7000

Emergency telephone number : In Case of Emergency (medical/roadside) (24hrs)

For other EHS Information : Kodak Polychrome Graphics, Environmental, Health, & Safety Department;
11465 Johns Creek Parkway, #260, Duluth, GA 30097; USA
Phone: 1-877-574-7274, Additional phone: (770) 232-2133
E-mail: PEP@kpgraphics.com, Fax: (770) 232-2150

| | |
|------------------|---------------------------|
| MSDS# | 311 |
| Version | 2.7 |
| Validation Date | 2005-02-09 |
| Responsible Name | Kodak Polychrome Graphics |

KPG# 50061

CALL 1-800-451-8346

2. Composition, Information on Ingredients

| Name | CAS # | % by Weight | Exposure Limits |
|---|-----------------|-------------|-----------------|
| 1) Water | 7732-18-5 | 85-90 | Not available. |
| 2) Dextrin | 9004-53-9 | 5-10 | Not available. |
| 3) Amino-tris(methylenephosphonic acid) | 6419-19-8 | <1 | Not available. |
| 4) Boric acid | 10043-35-3 | <1 | Not available. |
| 5) Isothiazolin derivatives | Not applicable. | <1 | Not available. |

3. Hazards Identification

Physical State and Appearance : Liquid.

Emergency Overview : WARNING !
MAY CAUSE ALLERGIC SKIN REACTION.

Avoid prolonged or repeated breathing of vapor. Avoid prolonged contact with eyes, skin, and clothing. Use with adequate ventilation. Wash thoroughly after handling.

Routes of Entry : Absorbed through skin. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes : May cause transient irritation.

Skin : Irritation of the product in case of skin contact: Not available.
Slightly hazardous in case of skin contact (sensitizer).

Inhalation : Low hazard for recommended handling

Ingestion : Low hazard for recommended handling

Potential Chronic Health Effects : **CARCINOGENIC EFFECTS:** Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure : Repeated or prolonged exposure is not known to aggravate medical condition.

See Toxicological Information (section 11)

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4. First Aid Measures

- Eye Contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Get medical attention if symptoms occur.
- Inhalation** : Allow the victim to rest in a well-ventilated area. Get medical attention if symptoms occur.
- Ingestion** : Do not induce vomiting. Have conscious person drink several glasses of water or milk. Seek medical attention.

5. Fire Fighting Measures

- Flammability of the Product** : Non combustible.
- Hazardous thermal (de)composition products** : These products are carbon oxides (CO, CO₂).
- Fire Hazards in Presence of Various Substances** : Not available.
- Explosion Hazards in Presence of Various Substances** : Not available.
- Fire Fighting Media and Instructions** : Use DRY chemicals, CO₂, water spray or foam.
- Protective Clothing (Fire)** : Be sure to use an approved/certified respirator or equivalent.

6. Accidental Release Measures

- Small Spill and Leak** : Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
- Large Spill and Leak** : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Neutralize the residue with a dilute solution of sodium carbonate. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

7. Handling and Storage

- Handling** : Do not ingest. Avoid prolonged or repeated breathing of vapor. Avoid prolonged contact with eyes, skin, and clothing. Use with adequate ventilation. Wash thoroughly after handling.
- Storage** : Store at room temperature 25°C (77°F) or lower. Prevent from freezing

8. Exposure Controls, Personal Protection

- Engineering Controls** : Ventilation is normally required when handling or using this product (typically 10 air changes per hour). Ensure that eyewash stations and safety showers are close to the work-station location.

Personal Protection

- Eyes** : Safety glasses.
- Body** : Synthetic apron.
- Respiratory** : Not applicable.
- Hands** : Impervious gloves.
- Feet** : Not applicable.

Protective Clothing :
(Pictograms)



Personal Protection in Case of a Large Spill : Splash goggles. Lab coat. Impervious gloves. Ventilation is normally required when handling or using this product (typically 10 air changes per hour).

Product Name

Exposure Limits

- | | |
|---|----------------|
| 1) Water | Not available. |
| 2) Dextrin | Not available. |
| 3) Amino-tris(methylenephosphonic acid) | Not available. |
| 4) Boric acid | Not available. |
| 5) Isothiazolin derivatives | Not available. |

Consult local authorities for acceptable exposure limits.

9. Physical and Chemical Properties

Physical State and Appearance : Liquid.

Odor : Odorless.

Color : Orange.

pH : 2.1 [Acidic.]

Boiling/Condensation Point : >100°C (212°F)

Melting/Freezing Point : <0°C (32°F)

Specific Gravity : 1.04 (Water = 1)

Vapor Pressure : 2.4 kPa (@ 20°C)

Vapor Density : 0.6 (Air = 1)

VOC Calculated : 121.97 g/l (1.018 lbs/Gal.).

Dispersion Properties : See solubility in water.

Solubility : Easily soluble in cold water.

10. Stability and Reactivity

Stability and Reactivity : The product is stable.

Conditions of Instability : Not available.

Incompatibility with Various Substances : Incompatible with some alkalis. Incompatible with strong oxidizing agents.

Hazardous Decomposition Products : These products are carbon oxides (CO, CO₂).

Hazardous Polymerization : Will not occur.

11. Toxicological Information

Toxicity to Animals : **Water:**
 ORAL (LD50): Acute: >90000 mg/kg [Rat].
Dextrin
 LD50: Not available.
 LC50: Not available.
Amino-tris(methylenephosphonic acid):
 ORAL (LD50): Acute: 2910 mg/kg [Rat].
 DERMAL (LD50): Acute: >6310 mg/kg [Rabbit].
Boric acid:
 ORAL (LD50): Acute: >3000 mg/kg [Rat].
 DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

DUST (LC50): Acute: >2 mg/l 4 hour(s) [Rat].

Isothiazolin derivatives

LD50: Not available.

LC50: Not available.

Chronic Effects on Humans : Not available.

Other Toxic Effects on Humans : Slightly hazardous in case of skin contact (sensitizer).

12. Ecological Information

Organics Readily Degradable (70%) : Yes. (14 day(s))

Ecotoxicity : Not available.

Toxicity of the Products of Biodegradation : The product itself and its products of degradation are not toxic.

13. Disposal Considerations

Waste Information : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities.

14. Transport Information

DOT Classification : Not a DOT controlled material (United States).



TDG Classification : Not controlled under TDG (Canada).

ADR/RID Classification : Not controlled under ADR of the EEC.

IMO/IMDG Classification : Not controlled under IMDG.

ICAO/IATA Classification : Not controlled under IATA.

15. Regulatory Information

HCS Classification : CLASS: Sensitizing substance.

U.S. Federal Regulations : TSCA 8(b) inventory: All the ingredients are on the TSCA list.
SARA 302 extremely hazardous substances: No products were found.
SARA 304 emergency planning and notification: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

SARA 313 Reporting Requirements : No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112(r) accidental release prevention: No products were found.

International Regulations

WHMIS (Canada) : Class D-2B: Material causing other toxic effects (TOXIC).

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

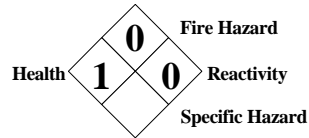
CEPA DSL: All the ingredients are on the DSL list.

DSCL (EEC) : R43- May cause sensitization by skin contact.

State Regulations : No products were found.
 California prop. 65: No products were found.

16. Other Information

| | | | | |
|---|----------------------------|---|----------|--|
| Hazardous Material Information System (U.S.A.) | Health | * | 2 | National Fire Protection Association (U.S.A.) |
| | Fire Hazard | | 0 | |
| | Reactivity | | 0 | |
| | Personal Protection | | C | |



References : Not available.

Other Special Considerations : Not available.

Validated by Kodak Polychrome Graphics on 2005-02-09. Verified by Kodak Polychrome Graphics.
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In Case of Emergency CALL 1-800-451-8346

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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