

# Safety Data Sheet

SDS No : GL001GE01

Date of issue : 2015/11/01

Revision History : 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

Manufacturer : Fuji Xerox Co., Ltd  
Address : 7-3, Akasaka 9-choume, Minato-ku, Tokyo 107-0052, Japan  
Contact Point : [Department] Environment & Product Safety Customer Satisfaction Quality Assurance Group  
[Telephone number] +81-46-237-1686  
[FAX Number] +81-46-238-5796  
[E-mail] [msds-inquiry@fujixerox.co.jp](mailto:msds-inquiry@fujixerox.co.jp)

Product Name : Perfect Binder Adhesive XA

## 2. HAZARD IDENTIFICATION

GHS classification

Not classified as hazardous mixture of GHS classification.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Distinction of substance or mixture : Mixture  
Chemical Nature :

| Chemical Name   | Ingredients (% by wt.) | CAS Number  |
|---|------------------------|-------------|
| Ethylene/Vinylacetate copolymer   | 40-50                  | 24937-78-8  |
| Pentaerythritol rosinate  | 30-40                  | Undisclosed |
| Paraffin wax  | 10-20                  | 8002-74-2   |
| Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediylester | <1                     | 6683-19-8   |
| Polyethylene  | <1                     | Undisclosed |

This product does not contain Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls (PBBs) or Polybrominated Diphenyl Ethers (PBDEs) intentionally.

## 4. FIRST-AID MEASURES

Inhalation : Vapor may irritate eyes, nose and throat. If irritation occurs, immediately get fresh air and consult a physician.  
Skin contact : Molten adhesive may cause severe burns. If skin contact occurs, immediately cool with cold water.

|             |  |
|-------------|--|
| Eye contact | : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| Ingestion   | : Do not induce vomiting. Immediately get medical attention.                             |

---

## 5.FIRE-FIGHTING MEASURES

---

|                                |  |
|--------------------------------|--|
| Suitable Extinguishing Media   | : A plenty of water, CO2 and dry chemical. |
| Unsuitable Extinguishing Media | : Not available.                           |

---

## 6.ACCIDENTAL RELEASE MEASURES

---

|                           |  |
|---------------------------|--|
| Personal Precautions      | : Ensure adequate ventilation.                               |
| Environmental Precautions | : Prevent further leakage or spillage if safe to do so.      |
| Methods for Cleaning up   | : Sweep up and shovel into suitable containers for disposal. |

---

## 7.HANDLING AND STORAGE

---

### Handling

|   |  |
|---|--|
| Technical measures (local ventilation and full ventilation etc) | : Provide ventilation system   |
| Precautions for Safe Handling                                   | : Use in a well-ventilated place. Do not get in eyes, on skin, or on clothing. Wash hands throughly after handling. When dealing with the molten material, wear the appropriate personal protection equipmen as specified in this SDS to prevent eye and skin contact. |
| Prevents Handling of Incompatible Substances or Mixtures        | : Refer to "Section 10".   |
| Specific Hygiene Measures                                       | : Wash hands thoroughly after handling.  |

### Storage

|                                       |  |
|---------------------------------------|--|
| Storage Conditions                    | : Special technical measures are not necessary. Store at temperature not exceeding 40 °C. Protect from sunlight. Keep container tightly closed. Store locked up. |
| Material Used in Packaging/Containers | : Use closed durable containers.   |

---

## 8.EXPOSURE CONTROLS /PERSONAL PROTECTION

---

### Control Parameters

|                  |                             |
|------------------|-----------------------------|
| ACGIH TLV (2014) | : TWA:2mg/m3 (Paraffin wax) |
|------------------|-----------------------------|

### Protection

|                        |   |
|------------------------|---|
| Respiratory Protection | : In case of inadequate ventilation, wear respiratory           |
| Hand Protection        | : Wear globes as needed. Wansh hands thoroughly after handling. |
| Eye Protection         | : Wear eye protection as needed.                                |

---

## 9.PHYSICAL AND CHEMICAL PROPERTIES

---

|   |                                       |
|---|---------------------------------------|
| Appearance  | : Drop                                |
| Color   | : Light yellow                        |
| Odor  | : Faint Odor                          |
| pH  | : Not available                       |
| Melting Point/freezing point                          | : 74~84°C/165~183°F (Softening Point) |
| Boiling Point/Initial boiling point and boiling range | : Not available                       |
| Flash point   | : >220°C/428°F/Cleveland Method       |
| Auto-ignition temperature                             | : None                                |
| Upper/lower flammability or explosive limits          | : Not available                       |
| Vapour Pressure                                       | : Not available                       |
| Vapour density  | : Not available                       |
| Relative density                                      | : 1.0(Water=1)                        |
| Solubility  | : Insoluble                           |
| Partition coefficient:n-octanol/water                 | : Not applicable                      |
| Decomposition temperature                             | : Not available                       |
| Viscosity   | : 3200-4800mPa·s@140°C                |

---

## 10.STABILITY AND REACTIVITY

---

|                                    |  |
|------------------------------------|--|
| Stability and Reactivity           | : Stable   |
| Possibility of hazardous reactions | : None   |
| Conditions to avoid                | : None   |
| Incompatible materials             | : Oxidizing substance, general materials to avoid.     |
| Hazardous decomposition products   | : Thermal decomposition may yield CO,CO <sub>2</sub> . |

---

## 11.TOXICOLOGICAL INFORMATION

---

The toxicity data noted below is based on test results of this materials or similar materials.

### Acute Toxicity

|   |  |
|---|--|
| Swallowed→LD50(rat)   | : >2000 mg/kg (practically non-toxic)  |
| Skin→LD50(-)  | : Not available  |
| Inhaled→LC50(rat)   | : Not available  |
| Skin Irritant(rabbit)                                       | : Not an irritant  |
| Skin Corrosive  | : Not a corrosive  |
| Serious eye damage/eye irritation - Description(rabbit)     | : Not an irritant  |
| Skin or Respiratory sensitization - Description(guinea-pig) | : Not a skin sensitizer  |
| Mutageny  | : Ames Assay: Negative   |
| Carcinogenicity   | : Any one of ingredients is not classified as "Carcinogens <sup>ref1</sup> "   |
| Reproduction and Development                                | : Not classified as "Reproductive and Development chemicals <sup>ref.2</sup> " |

Specific Target Organ Toxicity Single Exposure : Not available  
Specific Target Organ Toxicity Repeated : Not available  
Aspiration Hazard : Not available  
Other Information : Not available

---

## 12.ECOLOGICAL INFORMATION

---

The toxicity data noted below is based on test results of this materials or similar materials.

### Ecotoxicity

Acute Toxicity Fish 96hr LC50(Oryzias latipes) : Not available  
Daphnia 48hr EC50(Daphnia magna) : Not available  
Algae 72hr EC50(Selenastrum capricornutum) : Not available  
Persistence and degradability : Not available  
Bioaccumulative potential : Not available  
Mobility in soil : Not available  
Other adverse effects : Not available

---

## 13.DISPOSAL CONSIDERATIONS

---

Dispose off in accordance with national and local regulations.

---

## 14.TRANSPORT INFORMATION

---

Transport in accordance with national, and local regulations.

UN Hazard Class : None  
UN Number : None  
Air Transport  
ICAO-TI/IATA-DGR : None  
Sea Transport  
IMDG Code : None

---

## 15.REGULATORY INFORMATION

---

Ensure this product in compliance with national requirements and ensure conformity to local regulations.

---

## 16.OTHER INFORMATION

---

The above mentioned data correspond to our present state of knowledge and experience, but no warranty is made. Users should consider these data only as a supplement to other information and must make independent

determination of the suitability and completeness of information from all sources to ensure proper use and disposal of the materials and safety and health of employees and customers.

CAS Registry Number(R) is a Registered Trademark of the American Chemical Society.

#### References

- 1 :
  - IARC Monographs on the Evaluation Carcinogenic Risks to Humans (WHO.International Agency for Research on Cancer)
  - National Toxicology Program(NTP) Report on Carcinogens (NTP)
  - TLVs and BEIs (American Conference of Governmental Industrial Hygienists)
  - REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 ANNEX VI on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
  - Journal of Occupational Health(Japan Society for Occupational Health)
- 2 : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 ANNEX VI on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006