

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 as amended

SDS #: D-00001

## Xerox Perfect Binder Adhesive

Issuing Date 2011-06-29

Revision Date 2021-09-22

Version 1.01

**Active**

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

#### 1.1 Product Identifier

**Product Name** Xerox Perfect Binder Adhesive for Xerox Products  
**Part no.** 008R13137

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Xerographic printing

#### 1.3 Details of the supplier of the safety data sheet

**Supplier** Xerox Europe Limited  
 Xerox Technology Park  
 Dublin Road  
 Dundalk  
 Co. Louth  
 Ireland

#### For further information, please contact

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**For the most current document** <https://safetydatasheets.business.xerox.com>

#### 1.4 Emergency telephone

Not applicable

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

#### 2.2 Label elements

#### GHS Label elements, including precautionary statements

|                                 |               |
|---------------------------------|---------------|
| <b>Symbol(s)</b>                | None required |
| <b>Signal Word</b>              | None required |
| <b>Hazard Statements</b>        | None required |
| <b>Precautionary Statements</b> | None required |

#### 2.3 Other hazards

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No hazard expected under normal conditions of use

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

| Chemical Name  | Weight % | CAS No.    | EC-No     | Classification (Reg. 1272/2008) | Hazard Statements |
|--|----------|------------|-----------|---------------------------------|-------------------|
| Ethylene-vinyl acetate copolymer   | 35-55    | 24937-78-8 | -         | --                              | --                |
| Resin acids and rosin acids, esters with pentaerythritol   | 30-50    | 8050-26-8  | 232-479-9 | --                              | --                |
| Paraffin wax   | 10-25    | 8002-74-2  | 232-315-6 | --                              | --                |
| 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-propanediyl ester | <2       | 6683-19-8  | 229-722-6 | --                              | --                |

**Note**

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

## 4. FIRST AID MEASURES

### 4.1 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>    | May cause irritation  |
| <b>Skin contact</b>   | Wash off immediately with soap and plenty of water                                    |
| <b>Inhalation</b>     | Move to fresh air, If symptoms persist, call a doctor                                 |
| <b>Ingestion</b>      | Clean mouth with water and afterwards drink plenty of water                           |

### 4.2 Most important symptoms and effects, both acute and delayed

|                         |  |
|-------------------------|--|
| <b>Acute toxicity</b>   |  |
| <b>Eyes</b>             | May cause irritation                         |
| <b>Skin</b>             | Substance may cause slight skin irritation   |
| <b>Inhalation</b>       | May cause irritation                         |
| <b>Ingestion</b>        | No known hazard by swallowing                |
| <b>Chronic effects</b>  |  |
| <b>Chronic toxicity</b> | No known effects under normal use conditions |

### 4.3 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. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

|                                     |  |
|-------------------------------------|--|
| <b>Suitable extinguishing media</b> | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment |
|-------------------------------------|--|

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**Unsuitable extinguishing media** No information available

## 5.2 Special hazards arising from the substance or mixture

None in particular

### **Hazardous combustion products**

No information available

## 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

## Other information

|                     |               |
|---------------------|---------------|
| <b>Flammability</b> | Not flammable |
| <b>Flash point</b>  | > 220 °C      |

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so

### 6.3 Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | Pick up and transfer to properly labelled containers      |
| <b>Methods for cleaning up</b> | Sweep up and shovel into suitable containers for disposal |

### 6.4 Reference to other sections

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

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation

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

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place

### 7.3 Specific end uses

Melted glue product

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure Limits

| Chemical Name | ACGIH TLV                | European Union |
|---------------|--------------------------|----------------|
| Paraffin wax  | TWA: 2 mg/m <sup>3</sup> |                |

### 8.2 Exposure controls

#### Engineering measures

Avoid exceeding of the given occupational exposure limits (see section 8), Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

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

#### Eye/face protection

Avoid contact with eyes

#### Hand protection

Protective gloves.

#### Skin and body protection

None under normal use conditions

#### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### Environmental Exposure Controls

#### Environmental Exposure Controls

Prevent product from entering drains

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                             |                          |                 |                          |
|-----------------------------|--------------------------|-----------------|--------------------------|
| Appearance                  | Powder                   | Odour           | None                     |
| Physical state              | Solid                    | Odour threshold | No information available |
| Colour                      | Pale yellow              | pH              | No information available |
| Flash point                 | > 220 °C                 |                 |                          |
| Melting / Freezing Point    | Not applicable           |                 |                          |
| Boiling point/boiling range | No information available |                 |                          |
| Softening point             | No information available |                 |                          |
| Evaporation rate            | No information available |                 |                          |
| Flammability                | Not flammable            |                 |                          |
| Flammability Limits in Air  | No information available |                 |                          |
| Explosive Limits            | No data available        |                 |                          |
| Vapour pressure             | No information available |                 |                          |
| Vapour density              | No information available |                 |                          |
| Specific gravity            | 1.0                      |                 |                          |
| Water solubility            | Insoluble                |                 |                          |
| Partition coefficient       | No information available |                 |                          |
| Autoignition temperature    | No information available |                 |                          |
| Decomposition temperature   | Not determined           |                 |                          |
| Viscosity                   | 3200-4800 mPas @ 140°C   |                 |                          |
| Explosive properties        | Not explosive            |                 |                          |

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**Oxidising properties** Not applicable

**9.2 Other information**

None

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use

**10.2 Chemical stability**

Stable under normal conditions

**10.3 Possibility of hazardous reactions**

**Hazardous reactions** None under normal processing  
**Hazardous polymerisation** None under normal processing

**10.4 Conditions to avoid**

Heat, flames and sparks

**10.5 Incompatible Materials**

None known

**10.6 Hazardous decomposition products**

None under normal use

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

Product Information

**Irritation** Paraffin wax fumes may cause irritation of respiratory tract and eyes

Component Information

| Chemical Name  | Oral LD50           | Dermal LD50           | LC50 Inhalation       |
|--|---------------------|-----------------------|-----------------------|
| Resin acids and rosin acids, esters with pentaerythritol   | 2000 mg/kg ( Rat )  |                       |                       |
| Paraffin wax   | 5000 mg/kg ( Rat )  | 3600 mg/kg ( Rabbit ) |                       |
| Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy  | 10250 mg/kg ( Rat ) | 3160 mg/kg ( Rabbit ) | 1.95 mg/L ( Rat ) 4 h |
| 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester |                     |                       |                       |

**Chronic toxicity**

**Carcinogenicity** Not classifiable as a human carcinogen

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**Other toxic effects**

|                              |                            |
|------------------------------|----------------------------|
| <b>Sensitisation</b>         | Not a sensitizer           |
| <b>Mutagenic effects</b>     | Not mutagenic in AMES Test |
| <b>Reproductive toxicity</b> | No information available   |
| <b>Target organ effects</b>  | No information available   |
| <b>Aspiration Hazard</b>     | Not applicable             |

**Information on other hazards**

**Endocrine disrupting properties** No information available

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

On available data, the mixture / preparation is not harmful to aquatic life

**12.2 Persistence and degradability**

Not readily biodegradable

**12.3 Bioaccumulative potential**

Bioaccumulation is unlikely

**12.4 Mobility in soil**

Insoluble in water

**12.5 Results of PBT and vPvB assessment**

Not a PBT according to REACH Annex XIII

**12.6 Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors

**12.7 Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

|                               |   |
|-------------------------------|---|
| <b>Waste Disposal Method</b>  | No special precautions are needed in handling this material |
| <b>EWC Waste Disposal No.</b> | 08 04 10  |

**14. TRANSPORT INFORMATION**

**14.1 UN/ID No**

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Not regulated

**14.2 Proper shipping name**

Not regulated

**14.3 Transport hazard class(es)**

Not classified

**14.4 Packing Group**

Not applicable

**14.5 Environmental hazards**

Presents little or no hazard to the environment

**14.6 Special precautions for users**

No special precautions are needed in handling this material

**14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code**

Not applicable

**15. REGULATORY INFORMATION**

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

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

**15.2 Chemical Safety Assessment**

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

**16. OTHER INFORMATION**

Issuing Date 2011-06-29  
 Revision Date 2021-09-22  
 Revision Note Update to format

**Additional advice**  
**EU Country Specific Exposure Limits**

| Chemical Name | The United Kingdom                                  | Ireland   | France                  | Germany | The Netherlands |
|---------------|---|---|-------------------------|---------|-----------------|
| Paraffin wax  | STEL 6 mg/m <sup>3</sup><br>TWA 2 mg/m <sup>3</sup> | TWA 2 mg/m <sup>3</sup><br>STEL 6 mg/m <sup>3</sup> | TWA 2 mg/m <sup>3</sup> |         |                 |

| Chemical Name | Belgium                 | Switzerland             | Austria | Hungary | Czech Republic |
|---------------|-------------------------|-------------------------|---------|---------|----------------|
| Parafin wax   | TWA 2 mg/m <sup>3</sup> | TWA 2 mg/m <sup>3</sup> |         |         |                |

| Chemical Name | Spain | Portugal | Italy | Greece | Romania |
|---------------|-------|----------|-------|--------|---------|
|               |       |          |       |        |         |

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| Chemical Name | Spain                   | Portugal                | Italy | Greece  | Romania   |
|---------------|-------------------------|-------------------------|-------|---|---|
| Parafin wax   | TWA 2 mg/m <sup>3</sup> | TWA 2 mg/m <sup>3</sup> |       | TWA 2 mg/m <sup>3</sup><br>STEL 6 mg/m <sup>3</sup> | STEL 6 mg/m <sup>3</sup><br>TWA 2 mg/m <sup>3</sup> |

| Chemical Name | Poland                  | Denmark                 | Sweden | Finland                 | Norway  |
|---------------|-------------------------|-------------------------|--------|-------------------------|---|
| Parafin wax   | TWA 2 mg/m <sup>3</sup> | TWA 2 mg/m <sup>3</sup> |        | TWA 1 mg/m <sup>3</sup> | TWA 2 mg/m <sup>3</sup><br>STEL 4 mg/m <sup>3</sup> |

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

### Disclaimer

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