

**1. Material-/Preparation- and Company Identification**

- 1.1. Trade name: 098-10531R  
Toner cartridge compatible 31a for use in  
HP LJ 5500, 5550 cyan
- 1.2. Company: Pedro Schöller Printservice GmbH, Ernst-Abbe-Str. 19,  
D-52249 Eschweiler/Germany
- 1.3. Phone: +49(0)2403-9484-0
- 1.4. Fax: +49(0)2403-9484-740
- Page yield: 12.000 pages

**2. Component/substance**

| Ingredients            | EC-Number | CAS-Number   | Content   |
|------------------------|-----------|--------------|-----------|
| Pigment                |           | no statement | 1 - 20 %  |
| Styrol Acryl Copolymer |           | no statement | 70 - 95 % |
| Silicia                |           | 7631-86-9    | < 5 %     |
|                        |           |              |           |
|                        |           |              |           |

**3. Hazards identification**

No serious dangers human and beast are known.

In case of contact with eyes it may cause an eye irritation.

Unlikely to cause skin irritations.

If you breath in large quantities, it could cause lung irritations.

However, the normal use does not lead to an inhalation of larger quantities of toner powder.

**4. First-aid measures**

You do not have to bargain for harmful consequential damage.

Nevertheless, the following measures should be observed:

- 4.1. Contact with skin: wash with water and soap.
- 4.2. Contact with eyes: Do not rub eyes. Immediately flush with large  
amounts of clean, warm water.
- 4.3. Inhalation: Remove it from the source and rinse your mouth  
out with water. If symptoms persist, get medical attention.
- 4.4. Ingestion: Rinse out your mouth; drink one or two glasses  
of water. If symptoms persist, get medical attention.

**5. Fire fighting measures**

- 5.1. Extinguishing media: Water, powder, foam, CO<sub>2</sub>
- 5.2. Corrosion products: CO, CO<sub>2</sub>
- 5.3. Fire fighting: Be careful that the toner does not disperse
- 5.4. Protective equipment: not specified

**6. Accidental release measures**

- 6.1. Personal precautions: Avoidance of  
inhalation, ingestion, eye- and skin-contact.
- 6.2. Environmental precautions: not specified
- 6.3. Procedures if material is released: Vacuum it with a hoover or wipe it up with a wet cloth.

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|------------|--|--|-------------------|------------------|----------|
| 7.         | Handling and storage                         |  |                   |                  |          |
| 7.1.       | Handling:                                    | Do not open the toner reservoir; avoid inhalation and eye contact.   |                   |                  |          |
| 7.2.       | Storage:                                     | Store the toner reservoir cool and dry, protect it against dampness, hotness (higher than 40°C) and flames. Keep it out of the reach of children.  |                   |                  |          |
| 8.         | Exposure controls/personal protection        |  |                   |                  |          |
| 8.1.       | Exposure limit values:                       | ACGIH (TWA) and HSE (EH40) recommend the following highest concentration of powder: 10mg/m <sup>3</sup> (8 hours. TWA [total weighted average]).<br>Totalling inhaled powder: 5mg/m <sup>3</sup> (8 hours. TWA) totalling inhaled powder |                   |                  |          |
| 8.2.       | Exposure guideline:                          | Use in well ventilated area.   |                   |                  |          |
| 8.3.       | Inhalation protection:                       | * under normal conditions of use not essential/ aeration of room   |                   |                  |          |
| 8.4.       | Hand guard:                                  | * under normal conditions of use not essential   |                   |                  |          |
| 8.5.       | Eye protection:                              | * under normal conditions of use not essential   |                   |                  |          |
| 8.6.       | Body protection                              | * under normal conditions of use not essential   |                   |                  |          |
| 9.         | Physical and chemical properties             |  |                   |                  |          |
|            | Appearance:                                  | fine powder  |                   |                  |          |
|            | Aroma:                                       | nearly inodorous   |                   |                  |          |
| 9.1.       | Melting point:                               | 100 - 150° C   |                   |                  |          |
| 9.2.       | Density:                                     | ( ° C) not specified   | g/cm <sup>3</sup> | 1,0 – 2,0        |          |
| 9.2.1.     | Bulk density:                                |  | kg/m <sup>3</sup> |                  |          |
| 9.3.       | Vapour pressure:                             | ( ° C) not specified   | mbar              | not specified    |          |
| 9.4.       | Viscosity:                                   | ( ° C) not specified   |                   |                  |          |
| 9.5.       | Solubility                                   | insoluble  | g/l               | negligible       |          |
| 9.5.1.     | in   | ( ° C)   | g/l               | not specified    |          |
| 9.6.       | pH-Value                                     | g/l H <sub>2</sub> O (° )  |                   |                  |          |
| 9.7.       | Flash point:                                 | > 100°C  | °C                | not specified    |          |
| 9.8.       | Ignition point                               |  |                   |                  |          |
| 9.9.       | Explosions limit                             | ( ° C) not specified   |                   |                  |          |
| 10.        | Stability and Reactivity                     |  |                   |                  |          |
| 10.1.      | Pyrolysis:                                   | >200° C  |                   |                  |          |
| 10.2.      | Dangerous decomposition products:            | CO, CO <sub>2</sub>  |                   |                  |          |
| 10.3.      | Dangerous reactions:                         | does not occur   |                   |                  |          |
| 10.4.      | Further indications:                         | not specified  |                   |                  |          |
| 11.        | Toxicological information                    | Contains no baneful and dangerous substances.<br>The Ames Test result was negative.  |                   |                  |          |
| 12.        | Ecological information                       | not specified  |                   |                  |          |
| 13.        | Disposal considerations                      | Can be disposed with domestic waste.<br>(PS takes back the toner cartridges for free)  |                   |                  |          |
| 14.        | Transportation information                   | GGVSee/IMDG-Code:  | no statement      |                  |          |
|            |  | GGVE/GGVS:   | no statement      |                  |          |
|            |  | UN-No.:  | no statement      |                  |          |
|            |  | RID/ADR:   | no statement      |                  |          |
|            |  | ICAO/IATA-DGR:   | no statement      |                  |          |
|            |  | ADNo:  | no statement      |                  |          |
|            |  | other indications:   | no statement      |                  |          |
| 14.1.      | Water pollution class:                       | All materials are according to § 19g, clause 5 of VwVwS, attachment 1, not menacing for water.   |                   |                  |          |
| 15.        | Regulatory information:                      | All substances in this product correspond to the regulations of the EG-directive 67/548/EEC.   |                   |                  |          |
| 16.        | Other information / Info of the manufacturer | Pedro Schöller Printservice GmbH, Ernst-Abbe-Str. 19, 52249 Eschweiler / Germany   |                   |                  |          |