

WB105

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier : WB105
- 1.2. Relevant identified uses of the substance or mixture and uses advised against : Recommended use(s) :
Litho offset & Screen printing heat transfer paper
- 1.3. Details of the supplier of the safety data sheet
- Name** : ARJOWIGGINS Papiers Couchés S.A.S.
Address : 32 Avenue Pierre Grenier
 92517 BOULOGNE BILLANCOURT Cedex
 FRANCE
- Telephone number** : +33 1 57 75 92 00
Telefax number : +33 2 43 63 24 80
E-mail : graphic@arjowiggins.com
- 1.4. Emergency telephone number : ORFILA (France) : +33 1 45 42 59 59

SECTION 2 : COMPOSITION / INFORMATION ON INGREDIENTS

Composition include **cellulose (> 75%), minerals and natural and synthetic polymeric binders.**

There are no hazardous ingredients (WHMIS Controlled Products) present at >1.0% or >0,1% as appropriate by weight. (*WHMIS = Workplace Hazardous Materials Information System*).

| Name of dangerous component | No.-CAS | % weight |
|-----------------------------|------------|------------|
| <i>N/a</i> | <i>N/a</i> | <i>N/a</i> |

SECTION 3 : HAZARDS IDENTIFICATION

3.1. Classification of the substance or mixture


MOST IMPORTANT HAZARDS

- Adverse human health effects** : To our knowledge, no specific risk when handled in accordance with good occupational hygiene and safety practice.
- Environmental effects** : Presents no particular risk to the environment, provided the recommendations concerning disposal (see section 13) and any applicable national or local regulations are complied with.
- Physical and chemical hazards**
- **Fire or explosion** : No particular fire or explosion hazard
- Classification of the product** : According to EC regulations, this product is not classified as a "hazardous mixture".(directive 1999/45/EC and regulation (EC) 1272/2008 (CLP))

3.2. Label elements

- **Hazard pictograms** : None
- **Signal words** : None
- **Hazard statements** : No H phrase
- **Supplemental hazard information** : EUH210 : Safety data sheet available on request.
- **Precautionary statements** : No P phrase

- 3.3. Other hazards : None, to our knowledge

| | | |
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| | | Version : 1 |
| | | Date : 10/09/2012 |
| | | Site : Bessé sur Braye (FR) |
| WB105 | | |

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

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|---------------------|--|
| Inhalation | : Move the affected person away from the contaminated area and into the fresh air Blow the nose to evacuate fibres In the event of coughing and slight breathlessness: Consult a doctor |
| Skin contact | : Rinse with water. In case of redness or irritation, consult a doctor |
| Eye contact | : Rinse with plenty of water immediately If irritation persists, consult an eye specialist |
| Ingestion | : Never attempt to induce vomiting If the quantity swallowed is significant: Consult a doctor |

4.2. Most important symptoms and effects, both acute and delayed : No information available

4.3. Indication of any immediate medical attention and special treatment needed : No immediate medical care or specific treatment identified

SECTION 5 FIRE-FIGHTING MEASURES

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|---|---|
| 5.1. Extinguishing media | : Any extinguishing agent can be used |
| 5.2. Special hazards arising from the substance or mixture | : Combustible Not classified as flammable according to EEC criteria, but may present a risk in the event of a fire On thermal decomposition (pyrolysis), releases : (T > 250 °C) : Carbon oxides (CO, CO ₂) Silica Formaldehyde |
| 5.3. Advice for fire-fighters | : Cool down the containers/equipment exposed to heat with a water spray Contain the extinguishing fluids by bunding Do not attempt to intervene without a suitable protective equipment : Suitable breathing apparatus Complete protective clothing |

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures : Does not require any particular or specific measures
Respect the general rules for occupational hygiene.

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SECTION 6 ACCIDENTAL RELEASE MEASURES (continued)

- 6.2 Environmental precautions** : Do not allow product to spread into the environment
- 6.3. Methods and material for containment and cleaning up**
- **Recovery** : Recover the product by mechanical means.
 - **Cleaning/decontamination** : Wash non-recoverable remainder with large amounts of water
 - **Disposal** : Dispose of contaminated materials in accordance with current regulations
- 6.4 Reference to other sections** : For further information see section 13

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

- Technical measures** : No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
- Hygiene measures** : Do not drink, eat or smoke in the workplace

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures** : Does not require any specific or particular technical measures
- Storage conditions**
- **Recommended** : Store :
 - in a dry and well ventilated area
 - protected from humidity
 - away from any source of ignition

Packaging materials

- **Recommended** : Original packaging
- 7.3. Specific end use(s)** : No information available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

- **France** : Dust without specific effect :
 - Total dust - VME : 10 mg/m³
 - Inhalable dust - VME : 5 mg/m³
 - Cellulose - VME : 10 mg/m³

8.2. Exposure controls

- Engineering measures** : No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
- Personal protective equipment**
- **Respiratory protection** : If the ventilation is suitable, it is not necessary to wear respiratory equipment
In case of dust production : Suitable anti-dust mask
 - **Hand protection** : Gloves (risk of cut).
 - **Eye protection** : In case of dust production :
Safety goggles

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

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| Physical state | : Solid (Leaf) |
| Colour | : white green |
| Odour | : odourless |
| Odour threshlod | : Not determined |
| pH | : Not applicable |
| Specific temperatures | |
| - Boiling | : Not applicable |
| - Melting point | : Not applicable |
| Decomposition temperature | : Not determined |
| Flammability characteristics | |
| - Flash point | : Not applicable |
| - Auto-ignition temperature | : Not applicable |
| Oxidizing properties | : Non oxidizing material according to EC criteria |
| Explosive limits in air | : Not determined |
| Vapour pressure | : Not applicable |
| Vapour density (air = 1) | : Not applicable |
| Relative density (water = 1) | : 1.1 |
| Solubility | |
| - in water | : Insoluble |
| Octanol/water partition coefficient | : Not determined |
| Kinematic viscosity | : Not applicable |
| Evaporation rate | : Not determined |

9.2 Further information : No information available

SECTION 10 STABILITY AND REACTIVITY

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|--|--|
| 10.1. Reactivity | : To our knowledge, the product does not present any particular risk |
| 10.2. Chemical stability | : Stable at ambient temperature and under normal conditions of use |
| 10.3. Possibility of hazardous reactions | : None, to our knowledge |
| 10.4. Conditions to avoid | : Moisture Heat, sparks, open flames, ignition source |
| 10.5. Incompatible materials | : None, to our knowledge |
| 10.6. Hazardous decomposition Products | : None, to our knowledge |

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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| Acute toxicity | : To our knowledge, no specific risk when handled in accordance with good occupational hygiene and safety practice. |
| Local effects | : Dust may cause mechanical irritation of eyes and the respiratory tract. May produce skin irritation |
| Sensitization | : Based on available data, the classification criteria are not met. |
| Repeated dose toxicity | : No additional information available |
| Carcinogenicity | : No additional information available |
| Mutagenicity | : No additional information available |
| Reproductive toxicity | : No additional information available |

SECTION 12 TOXICOLOGICAL INFORMATION

| | |
|---|--|
| 12.1. Toxicity | : No information available, however this product is not considered to present any particular risk for the aquatic environment. |
| 12.2. Persistence and degradability | : No information available |
| 12.3. Bioaccumulative potential | : No information available |
| 12.4. Mobility in soil | : No information available |
| 12.5. Results of PBT and vPvB assessment | : No information available |
| 12.6. Other adverse effects | : No information available |

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

WASTE FROM PRODUCT

Destruction/Disposal : Dispose of in accordance with relevant local regulations

CONTAMINATED PACKAGING

Destruction/disposal : Recycle following cleaning or dispose of at an authorised site

NOTE

: The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal

SECTION 14 TRANSPORT INFORMATION

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|---|----------------------------|
| 14.1. UN number | : Not restricted |
| 14.2. UN proper shipping name | : Not restricted |
| 14.3. Transport hazard class(es) | : Not restricted |
| 14.4. Packing group | : Not restricted |
| 14.5. Environmental hazards | : Not restricted |
| 14.6. Special precautions for user | : No information available |
| 14.7. Transport in bulk according to | : No information available |

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SECTION 14 TRANSPORT INFORMATION (continued)

Annex II of MARPOL73/78 and the IBC Code

NOTE : The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, in case the date of issue is older than 12 months, compared to the current one, it would be advisable to check their validity with your commercial agency

SECTION 15 REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture : No information available

15.2. Chemical Safety Assessment : Not realized

SECTION 16 OTHER INFORMATION

Bibliography references : Joint Research Centre (JRC)
HSDB (Hazardous Substances Data Bank) (National Library of Medicine)
RTECS (Registry of Toxic effects of Chemical Substances)
IUCLID (International Uniform Chemical Information Data Base)
MSDS of suppliers

This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith.

Besides, the attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended.

In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product.

The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

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