

Pelikan Hardcopy Scotland Limited
Turrieff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 1 / 7

1 Identification of the substance / preparation and of the company

1.1 Product identifier

Black Wax Ribbons
Article number 5271005, 5271052, 5271053, 5271055, 5271056 & 5271069

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

1.2.1 Relevant uses

Thermal TRANSFER Ribbon

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Pelikan Hardcopy Scotland Limited

Markethill Road
Turrieff Aberdeenshire, AB53 4AW / UK
Phone: +44 (0) 1888 564200

Address enquiries to
Technical information
Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency phone

Company +44 (0) 1888 564200 Mo-Fr 8:30-17:00

2 Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

not applicable

2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

Hazard symbols none

R-phrases none

The product does not require a hazard warning label in accordance with EC-directives.

2.2 Label elements

Labelling according to Regulation 67/548/EEC or 1999/45/EC

Hazard symbols none

R-phrases none

S-phrases none

Special labelling none

2.3 Other hazards

Physico-chemical hazards See chapter 10.

Human health dangers No particular hazards known.

Environmental hazards Does not contain any PBT or vPvB substances.

Other hazards Further hazards were not determined with the current level of knowledge.

Pelikan Hardcopy Scotland Limited
Turrieff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 2 / 7

3 Composition / Information on ingredients

3.1 Product-type:

The product in question is a mixture.

| Range [%] | Substance |
|-----------|--|
| 1 - 5 | Carbon black |
| | CAS: 1333-86-4, EINECS/ELINCS: 215-609-9 |
| | GHS/CLP: |

Comment on component parts

No dangerous components.
Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.

4 First aid measures

4.1 Description of first aid measures

General information

No special measures necessary.

Inhalation

not applicable

Skin contact

When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact

In case of contact with eyes rinse thoroughly with water.
In the event of symptoms seek for medical treatment.

Ingestion

In the event of symptoms seek for medical treatment.
Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam.
Carbon dioxide.
Dry powder.
Water spray jet.

Extinguishing media that must not be used

Full water jet

5.2 Special hazards arising from the substance or mixture

Unknown risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Dispose of absorbed material in accordance within the regulations.

Pelikan Hardcopy Scotland Limited
Turriff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 3 / 7

6.4 Reference to other sections

See Chapter 8+13

7 Handling and storage

7.1 Precautions for safe handling

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Do not store together with oxidizing agents.

Store in a dry place.

Protect from heat/overheating.

7.3 Specific end use(s)

See product use, Chapter 1.2

8 Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational
exposure limits to be monitored (GB)

| Range [%] | Substance / WEL: Workplace exposure limit |
|-----------|---|
| 1 - 5 | Carbon black |
| | CAS: 1333-86-4, EINECS/ELINCS: 215-609-9 |
| | - ppm, 3,5 mg/m ³ , |

8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection Safety glasses.

Hand protection butyl rubber, > 120 min (EN 374)
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection not applicable

Other Avoid contact with eyes and skin.

Wash hands before breaks and after work.

Use barrier skin cream.

Respiratory protection not applicable

Thermal hazards not applicable

**Delimitation and monitoring of the
environmental exposition** See Chapter 6+7.

Pelikan Hardcopy Scotland Limited
Turriff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 4 / 7

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|---------------------|
| Form | solid |
| Color | black |
| Odor | characteristic |
| Odour threshold | not determined |
| pH-value | not applicable |
| pH-value [1%] | not applicable |
| Boiling point [°C] | not applicable |
| Flash point [°C] | not applicable |
| Flammability [°C] | not determined |
| Lower explosion limit | not determined |
| Upper explosion limit | not determined |
| Oxidizing properties | no |
| Vapour pressure/gas pressure [kPa] | not applicable |
| Density [g/ml] | not determined |
| Bulk density [kg/m³] | not determined |
| Solubility in water | virtually insoluble |
| Partition coefficient [n-octanol/water] | not determined |
| Viscosity | not applicable |
| Relative vapour density determined in air | not applicable |
| Evaporation speed | not applicable |
| Melting point [°C] | not determined |
| Autoignition temperature [°C] | not determined |
| Decomposition temperature | not determined |

9.2 Other information

none

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4 Conditions to avoid

See chapter 7.2.

10.5 Incompatible materials

not determined

10.6 Hazardous decomposition products

No hazardous decomposition products known.

Pelikan Hardcopy Scotland Limited
Turrieff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 5 / 7

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| Range [%] | Substance |
|-----------|--|
| 1 - 5 | Carbon black, CAS: 1333-86-4 |
| | LD50, oral, Rat: 11000 mg/kg (Lit.). |
| | LD50, dermal, Rabbit: > 3000 mg/kg (Lit.). |

| | |
|--|----------------------|
| Serious eye damage/irritation | not determined |
| Skin corrosion/irritation | not determined |
| Respiratory or skin sensitisation | not determined |
| Specific target organ toxicity — single exposure | not determined |
| Specific target organ toxicity — repeated exposure | not determined |
| Mutagenicity | Ames-test: negative. |
| Reproduction toxicity | not determined |
| Carcinogenicity | not determined |
| General remarks | |

No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

12.1 Toxicity

12.2 Persistence and degradability

| | |
|---------------------------------------|----------------|
| | not determined |
| Behaviour in environment compartments | not determined |
| Behaviour in sewage plant | not determined |
| Biological degradability | not determined |

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Other adverse effects

None known.

Pelikan Hardcopy Scotland Limited
Turriff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 6 / 7

13 Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Coordinate disposal with the authorities if necessary.
For recycling, consult manufacturer.

Waste no. (recommended)

080318

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended)

150104
150102

14 Transport information

14.1 UN number

See point 14.2 in accordance with UN shipping name

14.2 UN proper shipping name

Road transport in accordance with ADR

NO DANGEROUS GOODS

Marine transport in accordance with IMDG

NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA

NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

See point 14.2 in accordance with UN shipping name

14.4 Packing group

See point 14.2 in accordance with UN shipping name

14.5 Environmental hazards

See point 14.2 in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under points 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

15 Regulatory information

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

EEC-REGULATIONS

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

TRANSPORT-REGULATIONS

DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2011).

NATIONAL REGULATIONS (GB):

EH40/2005 Workplace exposure limits with amendments October 2007.
CHIP 3/ CHIP 4

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

Pelikan Hardcopy Scotland Limited
Turriff Aberdeenshire, AB53 4AW

Date printed 24.10.2011, Revision 06.06.2011

Page 7 / 7

16 Other informations

Observe employment restrictions for no
people

VOC (1999/13/CE) 0 %

Customs Tariff not determined

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Copyright: Chemiebüro®