

Wincor Nixdorf Logistics GmbH

33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 1 / 7

SECTION 1: Identification of the substance / preparation and of the company**1.1 Product identifier****01750075154 Wincor Nixdorf Ribbon ND48/64/75/92/94, bk, PU01****01750075523 Wincor Nixdorf Ribbon ND9A/9D/9E/98D, bk, PU01****01750076156 Wincor Nixdorf Ribbon NP06, NP07, black****01770007383 Wincor Nixdorf Ribbon 9014/9015, ND68, bk****01770029868 Wincor Nixdorf Ribbon NP06, NP07, black, bulk****04107900408 Wincor Nixdorf Ribbon HP4904, ND90, bk, PU05****1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant uses**

Printing media

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet**Company**Wincor Nixdorf Logistics GmbH
Medi@Service
Heinz-Nixdorf-Ring 1
33106 Paderborn / GERMANY
Phone +49 5251 693-5691
E-mail Serviceslogistics@wincor-nixdorf.com**Address enquiries to****Technical information****Safety Data Sheet**

Serviceslogistics@wincor-nixdorf.com

1.4 Emergency phone**Company**

+49 5251 693-5691 Mo-Fr 8:30 - 17:00

SECTION 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**2.3 Other hazards****Physico-chemical hazards** No particular hazards known.**Human health dangers** Frequent persistent contact with the skin can cause skin irritation.**Environmental hazards** Does not contain any PBT or vPvB substances.**Other hazards** none

Wincor Nixdorf Logistics GmbH

33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 2 / 7

SECTION 3: Composition / Information on ingredients**3.1 Product-type:**

The product in question is a mixture.

Comment on component parts

No dangerous components.

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

No special measures necessary.

Inhalation

Ensure supply of fresh air.

In the event of symptoms seek for medical treatment.

Skin contact

In case of contact with skin wash off with warm water.

Consult a doctor if skin irritation persists.

Eye contact

not applicable

Ingestion

In the event of symptoms seek for medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

Headache

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Foam, dry powder, water spray jet, carbon dioxide.

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.

Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 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 with the regulations.

6.4 Reference to other sections

See section 8+13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

No special measures necessary if used correctly.

Wincor Nixdorf Logistics GmbH

33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 3 / 7

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Keep container in a well-ventilated place.

Protect from heat/overheating.

7.3 Specific end use(s)

See product use, section 1.2

SECTION 8: Exposure controls / personal protection**8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

not applicable

8.2 Exposure controls**Additional advice on system design** Ensure adequate ventilation on workstation.**Eye protection** not applicable**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 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 section 6+7.

Wincor Nixdorf Logistics GmbH
33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 4 / 7

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	solid
Color	black
Odor	not determined
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not determined
Flammability [°C]	not determined
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	not determined
Bulk density [kg/m ³]	not applicable
Solubility in water	not applicable
Partition coefficient [n-octanol/water]	not applicable
Viscosity	not applicable
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Autoignition temperature [°C]	not applicable
Decomposition temperature	not determined

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

See section 7

10.5 Incompatible materials

not determined

10.6 Hazardous decomposition products

No hazardous decomposition products known.

Wincor Nixdorf Logistics GmbH
33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 5 / 7

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined
General remarks	

Toxicological data of complete product are not available.
No classification on the basis of the calculation procedure of the preparation directive.

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

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 applicable

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Other adverse effects

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

SECTION 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.

Waste no. (recommended) 080313

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150102

Wincor Nixdorf Logistics GmbH

33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 6 / 7

SECTION 14: Transport information**14.1 UN number**

See section 14.2 in accordance with UN shipping name

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) 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 section 14.2 in accordance with UN shipping name

14.4 Packing group

See section 14.2 in accordance with UN shipping name

14.5 Environmental hazards

See section 14.2 in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under section 6 to 8.

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

not applicable

SECTION 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 (2012).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits with amendments October 2007.
CHIP 3/ CHIP 4**15.2 Chemical safety assessment**

not applicable

Wincor Nixdorf Logistics GmbH

33106 Paderborn

Created: 27.03.2012, Revision 27.03.2012

Version 01

Page 7 / 7

SECTION 16: Other informations**16.1 Abbreviations and acronyms:**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 TLV®/TWA = Threshold limit value – time-weighted average
 TLV®/STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.2 Other informations

Observe employment restrictions for people	no
VOC (1999/13/CE)	0 %
Modified position	none