

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Trade Name: Cyan high-resolution label printing toner for Intec LP-215

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Trade name: Cyan high-resolution label printing toner for Intec LP-215

Article number: 851P084

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

Sector of Use: SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category: PC18 Ink and toners

Process category: PROC2 Use in closed, continuous process with occasional controlled exposure

Environmental release category: ERC7 Industrial use of substances in closed systems

Article category: AC13 Plastic articles

Application of the substance/the preparation: Printing inks

1.3 Details of the supplier of the safety data sheet

Manufacturer

SunAngel Imaging Ltd.

Haydon

Wells

Somerset BA5 3EF

United Kingdom

sales@sunangelimaging.com

Further information obtainable from: Technical department

1.4 Emergency telephone number

Supported 08:30 to 17:00 UK Time: +44 (0)1749 685 680

Supplier:

Intec Printing Solutions Limited

Unit 11B Dawkins Road Industrial Estate

Poole

Dorset BH15 4JP

United Kingdom

sales@intecprinters.com

Tel: +44 (0)1202 845 960

Supported 09:00 to 17:00 UK Time, Monday to Friday,
except UK Bank Holidays: Tel: +44 (0)1202 845 960

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

The product is not classified according to the CLP regulation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data

2.2 Label elements

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV)

2.3 Other hazards

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

Section 3: Composition/Information on Ingredients

Substance / mixture:

Mixture

Substances in the Mixture referred to in Points 3.2.1 or 3.2.2 of Annex II to Regulation (EC) no 1271 / 2008:

Chemical Identity of the substance	EC No. / CAS No.	Ranges of % by mass	Classification according to Regulation (EC) No. 1272 / 2008
			Hazard Class/Statement*
None			

*Full text of Hazard statements is listed in Section 16

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Substances in the Mixture not meeting the Criteria for Classification:

Chemical Identity of the substance	EC No. / CAS No.	Ranges of % by mass	Classification according to Regulation (EC) No. 1272 / 2008
Polyester Resin	Confidential	50-100%	Not Classified
Wax	Confidential	25-50%	Not Classified
Amorphous Silica	231-545-4/7631-86-9	2.5-10%	Not Classified
Organic Pigment	Confidential	2.5-10%	Not Classified

Refer to Section 8 for the exposure limits and Section 11 for toxicological information.

Carcinogens:

None.

Substances in Annex XIV to Regulation (EC) No. 1907 / 2006 (Authorisation) or the Candidate List of SVHC:

None.

Substances in Annex XVII to Regulation (EC) No. 1907 / 2006 (Restriction):

None.

Section 4: First Aid Measures

4.1 Description of first aid measures

General information: No special measures required

After inhalation: Supply fresh air; consult doctor in case of complaints

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Generally, the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available

Section 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: No information available

5.2 Special hazards arising from the substance or mixture

Like most finely divided organic powders, toner dust may form an explosive mixture in air.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter sewers/surface or groundwater

6.3 Methods and material for containment and cleaning up:

Vacuum or sweep the material into a sealed container. If a vacuum is used it must be dust explosion-proof. Dispose of in compliance with national, state, regional or provincial regulation.

6.4 Reference to other sections

No dangerous substances are released

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

Section 7: Handling and Storage

7.1 Precautions for safe handling

No special measures required

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Store in a cool, dry place in tightly closed receptacles
Keep away from heat and direct sunlight
No special precautions are necessary if used correctly
Use only in well ventilated areas

Information about fire and explosions protection:

Keep ignition sources away. Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location
Store only in the original receptacle

Information about storage in one common storage facility:

Do not store together with oxidizing and acidic materials as well as heavy-metal compounds

Further information about storage conditions:

Store in cool, dry conditions in well-sealed receptacles
Protect from heat and direct sunlight
Protect from humidity and water

7.3 Specific end use(s)

No further relevant information available

Section 8: Exposure Controls/Personal Protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Additional Occupational Exposure Limit Values for possible hazards during processing:

USA OSHA (TWA/PEL): 15 mg/m³ (Total Dust), 5 mg/m³ (Respirable Fraction)
ACGIH (TWA/TLV): 10 mg/m³ (Inhalable Particulate), 3 mg/m³ (Respirable Particulate)
Amorphous Silica: USA OSHA (TWA/PEL): 20 mppcf 80 mg/m³, ACGIH (TWA/TLV): 10 mg/m³
TRGS 900 (Luftgrenzwert): 10 mg/m³ (Einatembare partikel), 3 mg/m³ (Alveolengängige fraktion)
UK WEL: 10 mg/m³ (Respirable Dust) 5 mg/m³ (Inhalable Dust)

Additional information:

This SDS is based on in lists valid during the time of its making

8.2 Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

Wash hands before breaks and at the end of work
Do not inhale dust/smoke/mist

Protection of hands:

Selection of the glove material depends on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of suitable gloves not only depends on the material, but also on further marks of quality and varies from manufacturer to manufacturer

Penetration time of glove material:

The exact break through time has to be determined by the manufacturer of the protective gloves and must be observed

Eye protection:

Safety glasses

Section 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties****General Information**

Appearance:
Form: Powder
Colour: Blue
Odour: Odourless

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Odour threshold: Not determined
pH-value: Not applicable
Change in condition:
Melting point/Melting range: Undetermined
Boiling point/Boiling range: Undetermined
Flash point: No data available
Flammability (solid, gaseous): Not determined
Ignition temperature: Not determined
Decomposition temperature: Not determined
Self-igniting: Product is not self-igniting
Danger of explosion: Product does not present an explosion hazard in its original state
Lower explosion limit: Not determined
Upper explosion limit: Not determined
Vapour pressure: No data available
Density at 20C: 1.4 g/cm³
Relative density: Not determined
Vapour density: No data available
Evaporation rate: No data available
Solubility in/Miscibility with water: Insoluble
Partition coefficient (n-octanol/water): Not determined
Viscosity:
Dynamic: No data available
Kinematic: No data available
Solvent content:
Organic solvents: 0.0%
Volatile Organic Compounds (EC): 0.00%
Solids content: 100.0%

9.2 Other information

No further relevant information available

Section 10: Stability and Reactivity**10.1 Reactivity**

Non-reactive

10.2 Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No further relevant information available

10.5 Incompatible materials

No further relevant information available

10.6 Hazardous decomposition products

No dangerous decomposition products known

Section 11: Toxicological Information**11.1 Information on toxicological effects****Acute toxicity:****Primary irritant effect:**

On the skin: No toxicological irritant effect according to Directive 67/548/EEC or Directive 1999/45/EC

On the eye: No toxicological irritant effect according to Directive 67/548/EEC or Directive 1999/45/EC

Sensitisation: No toxicological sensitising effect according to Directive 67/548/EEC or Directive 1999/45/EC

Other information (about experimental toxicology):

Mutagenicity: Ames test Negative (According to the test result of similar composition)

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version

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When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Section 12: Ecological Information

12.1 Toxicity

Aquatic toxicity:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.2 Persistence and degradability

No further relevant information available

12.3 Bioaccumulative potential

No further relevant information available

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effect

No further relevant information available

Section 13: Disposal Considerations

13.1 Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations

Section 14: Transport Information

14.1 UN-Number

ADR, AND, IMDG, IATA: Void

14.2 UN proper shipping name

ADR, AND, IMDG, IATA: Void

14.3 Transport hazard class(es)

ADR, AND, IMDG, IATA

Class: Void

14.4 Packing group

ADR, IMDG, IATA: Void

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II

of MARPOL 73/78 and the IBC Code Not applicable

UN "Model Regulation": -

Section 15: Regulatory Information

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

No further relevant information available

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out

Section 16: Other Information

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.

Department issuing Safety Data Sheet: Technical department Contact: During normal opening hours (08:30-17:00): +44 (0)1749 685 688

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Risk phrases:

None listed

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

*** Data altered compared to the previous version.**

No changes to the Safety Data Sheet, all sections are current as the date of print seen above describes.