

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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

Article number: 851P124

#### 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
Acrylic Styrene Resin	Confidential	40-70%	Not Classified
Wax	Confidential	1-3%	Not Classified
Dye Compound	Confidential	2-5%	Not Classified
Amorphous Silica	231-545-4/7631-86-9	2.5-10%	Not Classified
Titanium Dioxide	236-675-5/13463-67-7	30-60%	Not Classified

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

### Carcinogens:

This mixture contains titanium dioxide that is listed by IARC as Group 2B (possibly carcinogenic to humans); however, no significant exposure to titanium dioxide is thought to occur during the use of the product because titanium dioxide is mostly in a bound form in this mixture.

### 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: CO<sub>2</sub>, 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

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### **Section 7: Handling and Storage**

#### **7.1 Precautions for safe handling**

No special measures required

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/m<sup>3</sup> (Total Dust), 5 mg/m<sup>3</sup> (Respirable Fraction)

ACGIH (TWA/TLV): 10 mg/m<sup>3</sup> (Inhalable Particulate), 3 mg/m<sup>3</sup> (Respirable Particulate)

Amorphous Silica: USA OSHA (TWA/PEL): 20 mppcf 80 mg/m<sup>3</sup>, ACGIH (TWA/TLV): 10 mg/m<sup>3</sup>

TRGS 900 (Luftgrenzwert): 10 mg/m<sup>3</sup> (Einatembare partikel). 3 mg/m<sup>3</sup> (Alveolengängige fraktion)

UK WEL: 10 mg/m<sup>3</sup> (Respirable Dust) 5 mg/m<sup>3</sup> (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:

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

Form: Powder  
Colour: White  
Odour: Odourless  
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: 1.2 g/cm<sup>3</sup>  
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)

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**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

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

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### **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

**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.