

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 as amended

Generic Solid Ink

Issuing Date 2005-07-11

Revision Date 2015-07-27

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier****Product Name****Solid Ink for ColorQube 8570, ColorQube 8870****Part no.**

108R00926, 108R00927, 108R00928, 108R00929, 108R00930, 108R00931, 108R00933, 108R00934, 108R00935, 108R00936, 108R00937, 108R00938, 108R00939, 108R00940, 108R00941, 108R00945, 108R00946, 108R00947, 108R00948, 108R00949, 108R00950, 108R00951, 108R00952, 108R00953, 108R00954, 108R00955, 108R00956, 108R00957, 108R00958, 108R00959, 108R00960, 108R00961, 108R00962, 108R00963, 108R00964, 108R00965, 108R00966, 108R00985, 108R00987, 108R00988, 108R00966

Color

Cyan, Black, Magenta, Yellow

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

Xerographic printing

1.3 Details of the supplier of the safety data sheet**Supplier**Katun (E.D.C.) B.V.
Edisonweg 44
4207 HG Gorinchem, The
Netherlands**For further information, please contact****Contact person**Manager, Environment, Health, Safety
& Sustainability**Phone**

31 (0) 183-696969

Fax

-

1.4 Emergency telephone

Safety Information: 31 (0) 183-696969

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008.

2.2 Label elements

None

2.3 Other hazards

No hazard expected under normal conditions of use

Generic Solid Ink

Issuing Date 2005-07-11

Revision Date 2015-07-27

Version 1

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

| Chemical Name | Weight % | CAS-No | EC-No | Classification (Reg. 1272/2008) | REACH Registration Number |
|----------------------------------|----------|-------------|------------|---------------------------------|---------------------------|
| Polyethylene & Fatty Amide Waxes | 50-60 | Proprietary | Not listed | None | |
| Resin | 10-20 | Proprietary | - | None | |
| Dyes | <5 | Proprietary | - | None | |
| | | | | | |
| | | | | | |

4. FIRST AID MEASURES

4.1 Description of first-aid measures

| | |
|-----------------------|---|
| General advice | IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE. |
| Eye contact | Not an expected route of exposure, Wash off with plenty of water |
| Skin contact | Wash off with warm water and soap |
| Inhalation | Not applicable |
| Ingestion | Not applicable |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|------------------------|--|
| Acute toxicity | |
| Eyes | Not expected to be an irritant |
| Skin | Not expected to be an irritant |
| Inhalation | Not applicable |
| Ingestion | Not applicable |
| Chronic effects | |
| Main symptoms | No known effects under normal use conditions |

4.3 Indication of immediate medical attention and special treatment needed

| | |
|---------------------------|-----------------------|
| Notes to physician | Treat symptomatically |
|---------------------------|-----------------------|

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Dry powder, Carbon dioxide (CO ₂), Halons |
| Unsuitable extinguishing media | No information available |

5.2 Special hazards arising from the substance or mixture

May emit toxic fumes under fire conditions

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other Information

| | |
|-----------------------------|--|
| Flammable properties | Combustible material: may burn but does not ignite readily |
|-----------------------------|--|

Generic Solid Ink

Issuing Date 2005-07-11

Revision Date 2015-07-27

Version 1

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

None required

6.2 Environmental precautions

No special environmental precautions required

6.3 Methods and materials for containment and cleaning up

Pick up and transfer to properly labeled containers

6.4 Reference to other sections

None

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

When using, do not eat, drink or smoke
For personal protection see section 8

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place

7.3 Specific end uses

Xerographic printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

| | |
|------------------------|--|
| Exposure Limits | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies |
|------------------------|--|

8.2 Exposure controls

| | |
|-----------------------------|----------------------------------|
| Engineering measures | None under normal use conditions |
|-----------------------------|----------------------------------|

8.3 Individual protection measures, such as personal protective equipment (PPE)

| | |
|-------------------------------|--|
| Respiratory protection | No special protective equipment required |
| Eye/Face protection | No special protective equipment required |
| Hand protection | Protective gloves |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------------|-----------------------|------------------------------|
| Appearance | Wax like | Odor | Faint |
| Odor threshold | No information available | Physical state | Solid |
| pH | Not applicable | Color | Cyan, Black, Magenta, Yellow |

Generic Solid Ink

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Revision Date 2015-07-27

Version 1

| | | | | |
|-----------------------------------|----------------------|---|------------------------|------------------------------|
| Flash point | > 221 °C / 429 °F | > | Method | Pensky-Martens closed tester |
| Boiling point/range | Not applicable | | Softening point | Not applicable |
| Autoignition temperature | Not applicable | | | |
| Flammability Limits in Air | Not applicable | | | |
| Vapor pressure | Not applicable | | | |
| Vapor density | Not applicable | | | |
| Water solubility | Insoluble | | | |
| Viscosity | Not applicable | | | |
| Partition coefficient | Not applicable | | | |
| Evaporation rate | Not applicable | | | |
| Melting point/range | ~ 100 °C / | | ~ 212 °F | |
| Freezing point | Not applicable | | | |
| Decomposition temperature | Not determined | | | |
| Specific gravity | ~ 1 @ 25 °C | | | |

9.2 Other information

Explosive properties Not explosive

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions None under normal processing
Hazardous polymerization Hazardous polymerization does not occur

10.4 Conditions to avoid

Temperatures above 200°C.

10.5 Incompatible materials to avoid

None known

10.6 Hazardous decomposition products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot

11. TOXICOLOGICAL INFORMATION

The toxicity information below is for the solid ink products and is based on studies conducted on each individual Katun proprietary ingredient.

Individual ingredient percent compositions in the ink products were considered in the final assessment.

11.1 Information on toxicological effects

Acute toxicity

Product information

Irritation Not expected to be an irritant

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Revision Date 2015-07-27

Version 1

LD50 Oral > 5 g/kg (rat)
LD50 Dermal > 2 g/kg (rat)

Chronic toxicity

Product information

Carcinogenicity Not classifiable as a human carcinogen

Other toxic effects

Product information

Sensitization Not expected to be a sensitizer

Mutagenic effects Not expected to be mutagenic

Target organ effects No information available

Other adverse effects None known

Aspiration Hazard Not applicable

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute Aquatic Toxicity On available data, substance is not harmful to aquatic life.

Chronic Aquatic Toxicity On available data, substance is not harmful to aquatic life.

12.2 Persistence and degradability

Not readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

Insoluble in water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

Presents little or no hazard to the environment

13. DISPOSAL CONSIDERATIONS

13.1 Disposal considerations

Waste Disposal Method No special precautions are needed in handling this material
 Landfill is the recommended method of disposal.
 If incineration is to be carried out, care must be exercised to prevent dust clouds forming.

Contaminated packaging No special precautions are needed in handling this material.

EWC Waste Disposal No 08 03 18

14. TRANSPORT INFORMATION

14.1 UN/ID No

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Not regulated

14.2 Proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not classified

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Presents little or no hazard to the environment

14.6 Special precautions for users

No special precautions are needed in handling this material

14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

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

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008.

15.2 Chemical Safety Assessment

Not applicable

16. OTHER INFORMATION

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Revision Note

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended .

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.