DONGGUAN COWINT NEW MATERIAL TECHNOLOGY CO.,LTD
No.2,West Industrial Road of Jiaoli,Zhongtang Town,Dongguan
Tel: +86-769-88882603 Web:www.cowint.com
E-mail: info@cowint.com

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Safety data sheet

1907/2006/EC,1272/2008/EC

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Name：CTS-SG81-S6 Acrylic Polymer in Primary Forms

Article: CTS-SG81-S6

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

Application of the supplier of the substance or mixture:*Printing material*

1.3 Details of the supplier of the safety data sheet

Manufacturer/supplier: *DONGGUAN COWINT NEW MATERIAL TECHNOLOGY CO.,LTD*

Full address: *No.2, West Industrial Road of Jiaoli,Zhongtang Town,Dongguan.*

Phone number: +86-769-88882603 E-mail:info@cowint.com

Only representative /other EU contact point:Not available

Further information obtainable from: DONGGUAN COWINT NEW MATERIAL TECHNOLOGY CO.,LTD

1.4 Emergency number:+86-769-83185444

SECTION 2: Components/ information on ingredients

2.1 Mixtures:

Description:

Mixture of the substance listed below with nonhazardous additions.

For the wording of listed hazard statements refer to section 16.

Chemical property:

CAS No. Composition	84931-74-8 Waterborne polyurethane resin	13463-67-7 Titanium dioxide	68213-23-0 Fatty alcohol polyglycol ether	7732-18-5 Water
Content（%）	50%	25%	8%	17%

Remark:

All ingredients listed above are not classified according to Regulation 1272/2008 EC

SECTION 3: Hazards identification

3.1 Emergency Overview: *This product is safety/healthy/environmental*

3.2 Invade way: *mouth*

3.3 Healthy effect: *No heavy metal\halogen\pahs\16P……*

3.4 Environment effect: *N.A*

SECTION 4: First aid measures

4.1 Skin contact: *Wash though, with soap and water ,flush with plenty of water. Take off spoilt clothes, Contact physician if symptoms persist*

4.2 Eye contact: *Rinse immediately with plenty of water for 15 minutes at least .Contact a physician if symptoms persist*

4.3 Inhalation: *Remove from exposure site ot fresh air and keep at rest ,obtain medical advice*

4.4 Ingestion: *Wash the mouth with water ,seek medical advice immediately*

SECTION 5: Firefighting measures

5.1 Specific hazards: *high temperature can burn*

5.2 Extinguishing media: *carbon monoxide, carbon dioxide, dry chemical, foam or water fog*

5.3 Protective equipment for firefighters: *fire-proof suit*

5.4 Other information: *N.A*

SECTION 6: Accidental release treatment

6.1 General Information: *NO special note*

6.2 Spills/Leaks: *Sweep, cleaning*

SECTION 7: Handing and storage

7.1 Handling: *NO special note*

7.2 Storage: *normal temperature ,stored in a cool ,ventilated storeroom, Away from fire and heat ,the storage area should have the appropriate material to accept divulging*

SECTION 8: Exposure control/personal protection

8.1 Engineering Controls: *NO special note*

8.2 Personal Protective Equipment： *NO special note*

SECTION 9: Physical and chemical properties

9.1 Physical state: *transparent paste*

9.2 Color: *translucence*

9.3 PH： *neutral*

9.4 Flash point (℃): *NA*

SECTION 10: Stability and reactivity

10.1 Stability: *stable*

10.2 Conditions to Avoid: *strong acid/strong base*

SECTION 11: Toxicological information

This product is no toxicological research data available.

According to the components of similar products speculate that acute oral toxicity LD50 (rat) > 2000 mg/kg.

Weak stimulus are expected eyes. not stimulus for skin.

Here are the ingredients of toxicology data.

11.1 Acute toxicity

Acute oral toxicity： *Half lethal dose (LD50) rat > 5000 mg/kg*

Acute skin poisoning: *half lethal dose (LD50) rabbit > 5000 mg/kg*

Acute respiratory poisoning: *countless according to the data*

11.2 The specific content of limit

The following data represents the unknown toxic ingredients percentage.

Corrosion/stimulate skin: *the rabbit can cause short-term stimulus*

Serious eye injury/eye stimulation: *not stimulate rabbit eyes*

Allergenic: *countless according to the data*

Carcinogenicity: *countless according to the data*

Germ cell respectively: *countless according to the data*

Teratogenicity: *countless according to the data*

Aimed at the target organ system toxicity (single exposure)

Inhalation: *no data*

11.3 Skin:

long or repeated skin contact may lead to the following questions: *Mild stimulation*

11.4 Eyes:

direct contact with the material may cause the following problems: *Mild stimulation*

Aimed at the target organ system toxicity (multiple exposure) : countless according to the data

Inhalation hazard: *countless according to the data*

SECTION 12: Ecological information

12.1 *Soluble in water, easy to produce water pollution but the fish and water plant will not cause harm.*

The acute toxicity of water body

The acute toxicity of fish: *countless according to the data*

The acute toxicity of aquatic invertebrates: *countless according to the data*

The acute toxicity of Algae: *countless according to the data*

Of the bacteria toxicity: *countless according to the data*

12.2 The specific content of limit
The following data represents the unknown toxic ingredients percentage.
Chronic toxicity of water
The chronic toxicity of fish: *countless according to the data*
Chronic toxicity of aquatic invertebrates: *countless according to the data*
Soil habitat biological toxicity: *countless according to the data*
Terrestrial plants toxicity: *countless according to the data*
Other terrestrial non-lactating biological toxicity: *countless according to the data*

12.3 Persistence and degradability Biodegradability:
Method : *OECD 301 F*
BOD 28 60 - 65 %
Method : *OECD 302 B*
COD decrease, If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activity of activated sludge is to be expected., OECD 301 F - the 10 - days-window will be reached
Behaviour in environmental
compartments:
not determined
Dissolved Organic carbon (DOC) : *not determined*
Chemical oxygen demand (COD) : *281 mg/g*
Biochemical oxygen demand (BOD5): *109 mg/g*
Physical - chemical can remove sex: *countless according to the data*

12.4 The potential biological cumulative
Biological enrichment or cumulative: *countless according to the data*

12.5 Mobility in the soil
Octanol/water partition coefficient of numerical: *countless according to the data*
In various environmental segmentation in space distribution: *countless according to the data*
Outcome and behavior in the environment: *countless according to the data*

SECTION 13: Disposal considerations

13.1 Waste information: *Industry solid castoff*
13.2 Waste disposal: *disposed compliance with the respective countries national regulations*
13.3 Disposal notice: *N.A*
13.4 Transport considerations: *N.A*

SECTION 14: Transport information

14.1 Packaging categories: *general chemical packaging*

14.2 Packing method: *50 kg plastic drum.*

14.3 Shipping notice: *packing should be full of actual loading should be stable. Transportation process to ensure that the container does not leak, collapse, fall, and not damaged. It is strictly prohibited during mixed with food chemicals in transportation. Transit should prevent insolation, drench. Banning the use of easy to produce the spark of loading and unloading machinery and tools.*

SECTION 15: Regulatory information

Regulatory information: applicable laws:not the dangerous chemicals, Conform to the environment protection.

SECTION 16: Other information

The safety specifications provide information only as a safe operation, use, processing, storage, transportation, and disposal of guidance, and cannot be considered a guarantee or quality indicators, this information applies only to the specified product, for this product with other material mixing and combination is not applicable to any process, unless specified indicate.