

1.0 SECTION 1
IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name:
Trucal HPI

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

Use of substance / mixture:
Paper for the printing and application of waterslide transfers

1.3 Details of the supplier of the safety data sheet

Company name:
Tullis Russell - Image Transfer

United Kingdom (England)
Tullis Russell, Church Street, Bollington, Macclesfield, Cheshire, SK10 5QF, UK
T: +44 (0)1625 573051
F: +44 (0)1625 572085
E: imagetransfer@tullisrussell.com

South Korea (Tullis Russell Coaters Korea Ltd)
8, Jinheung-ro 38 beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do, 425-836, Republic of Korea
T: +82 31 499 1151
F: +82 31 499 1153
E: imagetransfer@tullisrussell.com

China
Tullis Russell, Room 302, 3/F, No.133, Shatou West Road, Chang'an Town, Dongguan City, Guangdong Province PR, China
T: +86 (0) 769 8166 1808
F: +86 (0) 769 8166 1898
E: dongguan@tullisrussell.com

1.4 Emergency telephone number

Emergency telephone:

UK **+44 (0) 1625 573051**
8 am until 5 pm (office hours only)

KOREA **+82 (0) 31 499 1151**
9 am until 6 pm (office hours only)

CHINA **+86 (0) 769 8166 1808**
9 am until 6 pm (office hours only)

2.0 SECTION 2
HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CHIP:
This product has no classification under CHIP

2.2 Label elements

Label elements under CHIP:
Not classified

Hazard symbols:
No significant hazard

2.3 Other hazards

Other hazards:
No additional risks are known

PBT:
This product is not classified as a PBT substance

3.0 SECTION 3
COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Chemical nature:

Common name	CAS No.	Concentration (%)
Pulp, Cellulose	65996-61-4	< 90
Calcium carbonate	471-34-1	< 10
Kaolin	1332-58-7	< 10
Acrylic acid polymer	9003-01-4	< 2
Polysaccharide	68584-86-1	< 3

Hazardous ingredients:
Not regarded as a health or environmental hazard

Composition:
There are no known hazardous ingredients present as listed in EH40/2005 workplace exposure limits

4.0 SECTION 4
FIRST AID MEASURES

4.1 Description of first aid measures

Skin Contact:
Rinse with soap and water

Eye Contact:
Bathe the eye in running water for 15 minutes

Ingestion:
Wash out mouth with water

Inhalation:
Consult a doctor

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact:
There may be mild irritation at the site of contact

Eye Contact:
There may be irritation and redness

Ingestion:
There may be irritation of the throat

Inhalation:
No symptoms

4.3 Indication of any immediate medical attention and special treatment needed

Immediate and special treatment:
Not applicable

5.0 SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:
Water spray, dry powder, foam
Suitable extinguishing media should be used for the surrounding fire

5.2 Special hazards arising from the substance or mixture

Exposure hazards:
In combustion emits toxic fumes
Carbon monoxide (CO)
Carbon dioxide (CO₂)

5.3 Advise for fire fighters

Advice for fire fighters:
Wear self-contained breathing equipment
Wear protective clothing to prevent contact with skin and eyes

6.0 SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:
Refer to section 8 of SDS for personal protective details

6.2 Environmental precautions

Environmental precautions:
Do not allow the product to spread into the environment

6.3 Methods and material for containment and cleaning up

Clean up procedure:
Collect and dispose of any contaminated materials in accordance with current regulations by an appropriate method

6.4 Reference to other sections

Reference to other sections:
Refer to section 8 of SDS

7.0 SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling:
No special measures necessary provided product is handled correctly
No precautions necessary

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:
Keep in a dry and well-ventilated area
Protect from humidity variations
Avoid sources of ignition

7.3 Specific end use(s)

Specific end use(s):
No data available

8.0 SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control exposure limits

Workplace exposure limits:
Dust without specific effect
Inhalable – long-term exposure limit – 10 mg/m³
Respirable – long-term exposure limit – 4 mg/m³

8.2 Exposure controls

Respiratory protection:
Respiratory protection not required

Hand protection:
Protective gloves

Eye protection:
In the case of dust production Safety goggles

Skin protection:
Protective clothing

9.0 SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Solid (sheets or rolls of paper)
Colour:	Off white
Odour:	No characteristic odour
Solubility:	Not soluble
Melting point:	n/a
Bulk density:	1.0
Concentration %:	n/a
Flash point:	n/a
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing

9.2 Other information

Other information:
Not applicable

10.0 SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity:
Stable under recommended transport and storage conditions

Persistence and degradability:
No data available

10.2 Chemical stability

Chemical stability:
Stable under normal conditions

12.3 Bio accumulative potential

Bio accumulative potential:
No data available

10.3 Possibility of hazardous reactions

Hazardous reactions:
Hazardous reactions will not occur under normal transport or storage conditions
Decomposition may occur on exposure to conditions or materials listed below

12.4 Mobility in soil

Mobility:
No data available

10.4 Conditions to avoid

Conditions to avoid:
Heat, sparks, open flames and ignition sources

12.5 Results of PBT and vPvB assessment

PBT identification:
This product is not identified as a PBT substance

10.5 Incompatible materials

Materials to avoid:
None to our knowledge

12.6 Other adverse effects

Other adverse effects:
No data available

10.6 Hazardous decomposition materials

Hazard. Decomp. Products:
In combustion emits toxic fumes

**13.0 SECTION 13
DISPOSAL CONSIDERATIONS**

13.1 Waste treatment methods

Product:
Product should be taken to a suitable and authorised waste disposal site in accordance with relevant regulations and if necessary, after consultation with the waste disposal operator and/or the competent authorities

**11.0 SECTION 11
TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects

Toxicity values:
Not applicable
No specific health warnings noted

Un-cleaned packaging:
Recycle following cleaning or dispose of at an authorised site in accordance with relevant regulations and if necessary, after consultation with the waste disposal operator and/or the competent authorities

11.2 Symptoms / routes of exposure

Skin Contact:
There may be mild irritation at the site of contact

Eye Contact:
There may be irritation and redness

Ingestion:
There may be irritation of the throat

Inhalation:
No symptoms

**14.0 SECTION 14
TRANSPORT INFORMATION**

Product class:
This product does not require a classification for transport

Land transport:
Not classified as a dangerous good under transport regulations

Inland waterway transport:
Not classified as a dangerous good under transport regulations

Sea transport:
Not classified as a dangerous good under transport regulations

Air transport:
Not classified as a dangerous good under transport regulations

**12.0 SECTION 12
ECOLOGICAL INFORMATION**

12.1 Toxicity

Eco toxicity values:
Not applicable

**15.0 SECTION 15
REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
No information available

12.2 Persistence and degradability

- 15.2 Chemical safety assessment:
A chemical safety assessment has not been carried out for the substance or mixture by the supplier

16.0 SECTION 16
OTHER INFORMATION

- 16.1 Text of the R-phrases assigned to the ingredients/components mentioned in section 3:
N/A

- 16.2 List of the text of the hazard statements mentioned in section 3:
N/A

The data contained within this safety data sheet are based on our current knowledge and experience and describes the product only with regards to safety requirements. The data does not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.