



## SAFETY DATA SHEET

Litrans Black 001

### Identification of the Substance / Preparation and Company

#### Product Details

Trade Name : Litrans Black 001  
Product No :

#### Supplier Details

: LIQUID COLOURS (PTY) LTD  
P O BOX 2685  
Edenvale  
1610  
South Africa  
Tel: +27 11 372-4600  
Fax: +27 11 609-8666

### Composition / Information On Ingredients

Chemical : Iron Oxide Dispersion  
Characterisation

### Hazards Identification

Main Hazards : The product covered by this data sheet is not considered to be hazardous or toxic.

### First Aid Measures

General Information : Remove contaminated clothing immediately and safely dispose.

Skin Contact : May cause irritation. After contact with skin, wash with soap and plenty of water.

Eye Contact : cause irritation. Remove contact lenses if worn. Rinse thoroughly with plenty Of water, also under the eyelids, for at least 15 minutes. If redness or soreness develops, seek medical advice.

- Inhalation** : Inhalation of dust may cause irritation and coughing. Remove casualty to fresh air immediately. Obtain medical advice if symptoms persist.
- Ingestion** : May be harmful if swallowed. Obtain medical attention. DO NOT INDUCE VOMITING. Wash out mouth with water if person is conscious.

## Accidental Release Measures

- Personal precautions** : Ensure adequate ventilation. Avoid direct contact with the substance.
- Environmental Precautions** : Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained.
- Clean-up method** : Sweep up and transfer to sealable containers. See section for appropriate waste Disposal considerations.

## Fire - Fighting Measures

- Extinguishing media** : Use extinguishing media appropriate to the surrounding fire conditions.
- Exposure hazards** : Flammable.
- Protective equipment** : Keep away from fire.
- Suitable Extinguishing Media** : Water Spray Jet  
Carbon Dioxide  
Dry Powder  
Foam

## Exposure Controls / Personal Protection

- Ingredients** : This product does not contain any relevant quantities of materials with critical values That have to be measured at the workplace.
- Occupational exposure Controls** : Ensure adequate ventilation, especially in confined areas.
- Respiratory protection** : In the case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection** : Wear suitable protective gloves made of PVC or rubber.
- Eye protection** : Wear goggles to BS EN 349B.
- Skin protection** : Appropriate protective clothing and boots.

## Physical And Chemical Properties

<b>Pigment content</b>	: 20%
<b>Binder content</b>	: 16%
<b>Solvent content</b>	: 64%
<b>Particle size</b>	: ≤5µm
<b>Density</b>	: 1.1g/cm <sup>3</sup>
<b>Oil resistance</b>	: 5 grade
<b>Water resistance</b>	: 5 grade
<b>Alkaline resistance</b>	: 5 grade
<b>Acid resistance</b>	: 5 grade
<b>Solvent resistance</b>	: 5 grade
<b>UV absorption</b>	: ≥ 95%

### *Appearance*

<b>Form</b>	: Liquid
<b>Colour</b>	: Black
<b>Odour</b>	: Slight

### *Data Relevant To Safety*

<b>Density</b>	: 1.1 grams per cubic centimetre at ± 25°C.
<b>Solubility In Water</b>	: Not miscible at ± 25°C

## Handling And Storage

<b>Handling</b>	: Avoid contact with the skin and eyes. No smoking, eating or drinking. Use only in well ventilated areas. Refer to "Exposure Controls/Personal Protection" for suitable protective equipment.
<b>Storage</b>	: Storage conditions Keep containers tightly closed in a cool, well ventilated area. Keep away from drink and foodstuffs. Keep in properly labeled containers. Storage stability: storage period 12 - 24 months

## Stability And Reactivity

Stable under normal conditions

## Toxicological Information

<b>Acute toxicity</b>	: Can aggravate pre-existing conditions, such as asthma. The substance can be absorbed into the body by inhalation.
<b>Corrosivity/irritation</b>	: May be irritating to eyes, skin, mucous membrane and upper respiratory tract.

**Repeated dose toxicity** : Lungs may be affected by prolonged or repeated exposure resulting in fibrosis

## Disposal Considerations

**Method of disposal** : Dispose of in accordance with local and national regulations. Contact a licensed waste disposal company to dispose of the material.

## Ecological Information

**Adverse effects** : No data on the product is available

## Transport Information:

**Transport classification** : This product is not classified as hazardous for transport.

## Regulatory Information

**Hazard symbols** : No Significant Hazard  
**Safety phrases** : S22:Do not swallow the product  
S36:Wear suitable protective clothing

## Other Information

**Data Sources** : This document has been compiled in accordance with the CHIPS 3 regulations. Data sources used are Approved Supply List Seventh Edition, Approved Classification and Labeling Guide Fifth Edition, Approved Code of Practice: Safety data sheets for substances and preparations dangerous for supply Third Edition, EH40 2002, RTECS 2002, CDG 1999, IMDG Code 2000, ADR 2001 and IATA 2002.

**Revisions** : This Safety Data Sheet has been provided to update the previous revision, number 1

**Disclaimer** : The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for other applications other than those stated in this sheet may give rise to risk not mentioned in this sheet. You should not use the product other than that for the stated application or applications without seeking advise from Liquid Colours.

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