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SAFETY DATA SHEET (91/155/EC)

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

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\* Product name:  
EARTH PIGMENTS (All Colours)

\* Supplier:  
LIBERON  
Mountfield Ind Est  
New Romney  
Kent, TN28 8XU

Tel: 0044 (0)1797 367555  
Fax: 0044 (0)1797 367575

\* Emergency phone number (to be used by the practising doctor):  
UK - National Poisons Information Service Phone: 44 / 191 22 5131

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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\* Preparation name:  
EARTH PIGMENTS (All Colours)

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3. HAZARDS IDENTIFICATION

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\* Most important hazards:  
None

\* Specific hazards:  
No hazard has been brought to our attention as a result of the normal industrial use of this product.

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4. FIRST AID MEASURES

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\* General advice:  
In all cases of doubt, or when symptoms persist, seek medical attention.

\* Inhalation  
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

\* Skin Contact  
Wash skin thoroughly with soap and water. If clothing is excessively contaminated remove and launder before re-use.

\* Eye contact:  
Irrigate eyes with copious amounts of water for approximately 15 mins.

If irritation persists, seek medical attention.

\* Ingestion:

Do NOT induce vomiting

Drink plenty of water

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5. FIRE-FIGHTING MEASURES

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\* Extinguishing Material:

Use extinguishing media appropriate to surrounding materials.

\* Extinguishing media which must NOT be used for safety reasons  
Not Applicable

\* Specific fire hazard(s):

Emits toxic fumes under fire conditions.

\* Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

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6. ACCIDENTAL RELEASE MEASURES

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\* Personal precaution(s):

Avoid raising dust

\* Environmental precaution(s):

Ventilate the area and wash spill site after pick-up is complete

If product enters drains or sewers the local authorities should be informed;  
in the case of contamination of streams, rivers or lakes inform the National  
Rivers Authority.

\* Method(s) for cleaning up:

Contain spillage

Absorb onto inert material

Place in suitable container for disposal

Wash residue away with plenty of water

Ensure area is not slippery.

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7. HANDLING AND STORAGE

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\* Handling

\* - Precaution(s):

Observe good standards of industrial hygiene

Wear suitable protective clothing

Avoid contact with eyes and skin

Handle carefully to avoid raising high concentration of dust in the work  
area.

\* - Technical condition(s):

None

\* Storage

\* - Precaution(s):

Containers which are opened should be properly resealed and kept upright to  
prevent leakage. Store in a cool dry place.

\* - Technical condition(s):

None.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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\* Engineering measure(s):

Ensure adequate ventilation, especially in confined areas.

Exposure Limits

Substance	Occupational Exposure Limits				Notations
	8hr TW		10min STEL		
	ppm	mg/m3	ppm	mg/m3	

Earth Pigments

Total Inhalation Dust 10

- 1) Respiratory Dust 5 Long term exposure limit - 8 hour time weighted average
- 2) Short term exposure limit - 10 minute reference period
- 3) Sk indicates a risk of absorption through the skin, SKN indicates a respiratory sensitiser

\* - Respiratory protection:

If exposure to particulates identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory equipment should be worn.

\*- Hand protection:

When exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should be applied once exposure has occurred.

- Skin and body protection:

Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

\* - Eye protection:

Wear closed safety glasses. or face shield

\* Hygiene measure(s):

Do not eat, drink, or smoke during work.

Keep away from food, drink and animal feed.

Keep workplace clean and tidy as much as possible.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state / form: Powder

Colour: Various

Odour: None

pH:

Boiling point/range: Approx. Not known

Flash point: Not applicable

Explosion limits: Not determined.

Relative density (water = 1): Not known

Viscosity: Not applicable.

Water solubility: Does not dissolve in water.

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## 10. STABILITY AND REACTIVITY

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\* Stability:

Stable under normal conditions of use

\*Conditions to avoid:

None known

\*Materials to avoid:

None known

\*Hazards decomposition:

None known

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## 11. TOXICOLOGICAL INFORMATION

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\* General information(s):

There is no data available on the product itself.  
Periodical medical test is recommended to check for any effects from repeated exposure.

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## 12. ECOLOGICAL INFORMATION

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\* General information(s):

There is no data available on the product itself.

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## 13. DISPOSAL CONSIDERATIONS

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\* Dispose of in accordance with local regulations

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## 14. TRANSPORT INFORMATION

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General information(s):

Not classified as dangerous for carriage according to the current EC regulations.

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## 15. REGULATORY INFORMATION

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\* Labelling:

Not classified as dangerous for supply according to the current EC regulations

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## 16. OTHER INFORMATION

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\* According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations no.:  
91 / 155

\* Important remarks:

Information in this safety data sheet is based on actual knowledge in our possession and our experience.  
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.  
No liability will be accepted (except as otherwise provided by law) arising

out of the use of information supplied in this data sheet.

\* Restrictions:

This information relates to the specific material designated and may not be Valid in combination with other product(s).

\* History

- First edition date: 29/03/1999
  - Review date: 22/05/2002
  - Version: 3
  - Review chapter(s) n°: 2/3/14/15
- Written by: Mike Morris