

# FLINT HIRE & SUPPLY LTD

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

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**PRODUCT NAME:** FLINTS DRY SCENIC COLOURS - UMBER AND SIENNA PIGMENTS

**PRODUCT DESCRIPTION / USES**

Colouring agent for paints, concrete and coatings

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Address/Phone No.: Flint Hire & Supply Ltd  
Queens Row  
Walworth  
London  
SE17 2PX  
Telephone No. 0207 703 9786

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### 2.COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT (S)	CAS No.	EINECS No.	% (w/w)	Symbol	R Phrases
Iron oxide, red	001309-37-1	215-168-2	40 - 75		
Silica	063231-67-4 007631-86-9	231-545-4	8 - 18		
Manganese dioxide	001313-13-9	215-202-6	0.3 - 19	Xn	R20/22
Silica, quartz	014808-60-7	238-878-4	2.2 - 2.7	Xn	R48 R40/20

For R Phrases refer to section 16

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### 3. HAZARDS IDENTIFICATION

May cause irritation to skin and respiratory system.

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#### 4. FIRST-AID MEASURES

- Inhalation: Remove patient from exposure. Obtain medical attention as a precaution.
- Skin Contact: Brush off contaminated clothing. Wash skin with soap and water.
- Eye Contact: Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.  
Obtain medical attention.
- Ingestion: Do not induce vomiting. Wash out mouth with water.

#### Further Medical Treatment

Unlikely to be required but if necessary treat symptomatically.

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#### 5. FIRE-FIGHTING MEASURES

Non-flammable. Non-combustible.

- Extinguishing Media: As appropriate for surrounding fire.
- Fire Fighting Protective Equipment: Suitable protective clothing should be worn in fire conditions.
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#### 6. ACCIDENTAL RELEASE MEASURES

Ensure suitable personal protection (including respiratory protection) during removal of spillage's.  
Clear up spillage, use vacuum suction unit if available, if not shovel into waste drums.

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#### 7. HANDLING AND STORAGE

##### 7.1 HANDLING

Avoid contact with skin and eyes. Do not breathe dust. Atmospheric concentrations should be minimised and kept as low as reasonably practical below the occupational exposure limit by the use of suitable handling methods and local exhaust ventilation.

##### 7.2 STORAGE

Keep container dry. Keep in a cool place away from heat.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. Where a cartridge/canister respirator is suitable use: Type P (CEN143)  
Check with protective equipment manufacturer's data.

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**Occupational Exposure Limits  
HAZARDOUS INGREDIENT(S)**

	<b>LTEL 8hr TWA ppm</b>	<b>LTEL 8hr TWA mg/m<sup>3</sup></b>	<b>STEL ppm</b>	<b>STEL mg/m<sup>3</sup></b>	<b>Notes</b>
Dust (Respirable Dust)	-	4	-	-	OES
Silica, crystalline respirable dust	-	0.3	-	-	MEL
Silica Amorphous (Total Inhalable Dust)	-	6	-	-	OES
(Respirable Dust)	-	2.4	-	-	OES

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	powder
Colour:	yellow - red
Odour:	odourless
pH (Value):	3 - 9
Solubility (Water):	insoluble
Solubility (Other):	hydrochloric acid
Decomposition Temperature (Deg C):	>1000

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**10. STABILITY AND REACTIVITY**

Stable under normal conditions.

Hazardous Reactions: May react violently with strong oxidising agents or reducing agents.

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**11. TOXICOLOGICAL INFORMATION**

Contains crystalline silica.

**Inhalation**

Dust is irritant to the upper respiratory tract.

**Skin Contact**

Repeated and/or prolonged contact may cause irritation.

**Eye Contact**

Exposure to dust may cause slight eye irritation. Permanent damage is unlikely.

**Ingestion**

Low oral toxicity. The swallowing of small amounts is unlikely to cause any adverse effects.

**Long Term Exposure**

Repeated exposure by inhalation may produce adverse effects on the lungs (Silicosis) and may lead to cancer.

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## 12. ECOLOGICAL INFORMATION

### Environmental Fate and Distribution

Medium\* tonnage material produced in wholly contained systems.

Medium\* tonnage material used in partially contained systems.

The product is practically insoluble in water and can be separated by sedimentation.

### Toxicity

Unlikely to be hazardous to aquatic life.

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## 13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

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## 14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

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## 15. REGULATORY INFORMATION

Not Classified as Dangerous for Supply/Use. According to directive 67/548/EC

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## 16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 2001/58/EC.

### GLOSSARY

OES: Occupational Exposure Standard (UK HSE EH40)

MEL: Maximum Exposure Limit (UK HSE EH40)

R20/22: Harmful by inhalation and if swallowed.

R40/20: Harmful: limited evidence of a carcinogenic effect.

R48: Danger of serious damage to health by prolonged exposure.

Revision on this sheet are marked with \*

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