

FLINT HIRE & SUPPLY LTD

Material Safety Data Sheet

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

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

PRODUCT DESCRIPTION / USES

Colouring agent for paints, concrete and coatings

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

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

3. HAZARDS IDENTIFICATION

May cause irritation to skin and respiratory system.

(Revision: 03)

(Date: 30/10/2009)
(Page: 1/4)

PRODUCT NAME: UMBER AND SIENNA PIGMENTS – B61, B62, B63, B64, B65

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.

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.
-

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.

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.

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.

(Revision: 03)

(Date: 30/10/2009)

(Page: 2/4)

PRODUCT NAME: UMBER AND SIENNA PIGMENTS – B61, B62, B63, B64, B65

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

	LTEL 8hr TWA ppm	LTEL 8hr TWA mg/m³	STEL ppm	STEL mg/m³	Notes
Dust (Respirable Dust)	-	4	-	-	OES
Silica, crystalline respirable dust	-	0.3	-	-	MEL
Silica Amorphous (Total Inhalable Dust)	-	6	-	-	OES
(Respirable Dust)	-	2.4	-	-	OES

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

10. STABILITY AND REACTIVITY

Stable under normal conditions.

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

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.

(Revision: 03)

(Date: 30/10/2009)

(Page: 3/4)

PRODUCT NAME: UMBER AND SIENNA PIGMENTS – B61, B62, B63, B64, B65

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.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

15. REGULATORY INFORMATION

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

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 *
