



## Technical Data Sheet

Planet Earth Mica	
INCI Names	Titanium Dioxide - Mica - Chromium Oxide Green - Ultramarine
C.A.S. Nos.	13463-67-7 - 12001-26-2 - 1308-38-9 - 57455-37-5
<b>Formulation Range</b>	
Titanium Dioxide (C.I. 77891)	50.0 - 60.0%
Mica (C.I. 77019)	40.0 - 50.0 %
Chromium Oxide Green (C.I. 77288)	<1.0%
Ultramarine Blue (Cl. 77007)	<1.0%
<b>Physical Properties</b>	
Form	Dry powder
Appearance	Blue green powder
Average Particle Size	10-60µm
Volatile (105 C)	0.5% max
Oil absorption	50-65g/100g
<b>Microbial Purity</b>	
Total Viable Aerobic Count	<100CFU/g
<b>Storage</b>	
<p>Store in a dry area at ambient room temperature and humidity levels not exceeding 65%. Avoid all direct contact with moisture and always close bags after use to prevent slow absorption of moisture or contamination.</p>	
<p>Disclaimer: All the information in this leaflet is to the best of this companies knowledge true and accurate however, it is the user's responsibility to satisfy themselves as to the suitability and completeness of such information in relation to their own particular use.</p>	



## **Material Safety Data Sheet (MSDS)**

Last updated: 1st September 2012

### **Section 1 - Product and Company Identification**

Product/Chemical Name: Planet Earth Mica

Supplier: [www.soakrochford.co.uk](http://www.soakrochford.co.uk)

### **Section 2 - Composition/Information on Hazardous Ingredients**

INCI Names: Mica, Titanium Dioxide, Ultramarine Blue, Chromium Oxide Green

CAS Numbers: 12001-26-2, 13463-67-7, 57455-37-5, 1308-38-9

Solubility in Water: Insoluble

### **Section 3 - Hazards Identification**

Eye Contact: Avoid eye contact, fine dust may cause irritation /inflammation

Skin Contact: Non-hazardous

Ingestion: Non-hazardous under normal use

Inhalation: Prolonged or repeated exposure may cause damage of the respiratory tract

### **Section 4 - First Aid Measures**

Eye Contact: Flush eyes with water until irritation subsides

Skin Contact: Wash off with soap and water

Inhalation: Remove immediately from area of exposure. If breathing is difficult administer oxygen. Seek medical attention if symptoms persist

Ingestion: If large amounts have been ingested seek medical attention immediately

### **Section 5 - Fire-Fighting Measures**

Flash Point: Not Applicable

Explosion Hazard: Not a fire or explosion hazard.

Extinguishing Media: The product is not flammable.

Use extinguishing methods appropriate for surrounding fire

Special Measures: Fire-fighters should wear protective clothing and approved self-contained breathing apparatus.

## **Section 6 - Accidental Release Measures**

Ventilate closed spaces before entering

Methods For Cleaning Up: Scoop up or vacuum excess powder into a container for reclamation or disposal to avoid dusting. Remove balance using absorbent cloths and then clean the area with hot water and detergents.

Environment Precautions: Non hazardous waste. Dispose of in accordance with applicable local disposal regulations

## **Section 7 - Handling And Storage**

Precautions In Handling: Good hygiene practices should be employed. Wash thoroughly after handling. Avoid breathing dust. Avoid contact with eyes.

Storage Conditions: Store in a tightly closed container in a cool, dry room avoiding exposure to light.

## **Section 8 - Exposure Controls / Personal Protection**

Use in a well ventilated area to control dust exposure to applicable limits.

Precautions: Goggles should be worn if there is a risk of splashing.

Respiratory Protection: Use an approved respirator to protect from dust inhalation.

Clothing: Use an apron or protective overalls to avoid staining of clothing

## **Section 9 - Physical And Chemical Properties**

Odour: Free from odour

Appearance: Blue green powder

## **Section 10 - Stability And Reactivity**

Chemical Stability: Stable

Conditions to avoid: Oxidation promoting conditions (heat/light)

Hazardous Decomposition: None Known

Hazardous Polymerization: Will not occur

## **Section 11 - Toxicological Information**

Inorganic pigment considered to be non-toxic in general.

## **Section 12 - Ecological Information**

Essentially not harmful to the environment.

## **Section 13 - Disposal Considerations**

Dispose of according to local and national regulations.

## **Section 14 - Transport Regulations**

Not regulated. Considered non hazardous for transportation by land, sea or air.

## **Section 15 - Regulatory Information**

Europe: This product or its ingredients are listed on or are compliant with EINECS.

United States: This product or its ingredients are listed on or are compliant with the TSCA inventory.

## **Section 16 - Other Information**

Disclaimer: All the information in this leaflet is to the best of this companies knowledge true and accurate however, no representation, warranty or guarantee of any kind, express or implied is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential arising out of the use of this product. It is the user's responsibility to satisfy their self as to the suitability and completeness of such information in relation to their own particular use.