

# SAFETY DATA SHEET

## 1.CHEMICAL PRODUCT AND IDENTIFICATION

Chemical product name: DIORAMA TEXTURE PAINT (GRASS EFFECT, GREEN/KHAKI)

Name of manufacturer: Turner Colour Works Ltd.

Address: 2-15-7 mitsuyakita yodogawa-ku,Osaka-fu,Japan

Name of section: R&D

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## 2.HAZARDS IDENTIFICATION

### GHS Classification

Health Hazards: Carcinogenicity : CATEGORY 1  
Specific target organ systemic toxicity(repeated exposure) : CATEGORY 2  
Environment Hazards: Hazardous to the aquatic environment (acute) : CATEGORY 3  
Hazardous to the aquatic environment (chronic) : CATEGORY 3

Hazard symbol:



Signal word: DANGER

Hazard statement: H350 May cause cancer .  
H412 Harmful to aquatic life with long lasting effects.

Security precaution: P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response: P308+P313 IF exposed or concerned: Get medical advice/attention.

storage: P405 Store locked up.

Disposal: P501 Dispose of contents and container in accordance with local regulations.

## 3.COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

General product description: Acrylic emulsion paints

Ingredients and composition:	Ingredient	CAS No.	( % )
	2.2.4-trimethyl-1.3-pentadiol monoisobutylate	25265-77-4	1 - 5
	Propylene glycol	57-55-6	1 - 5
	C.I. Pigment Blue 15	147-14-8	0 - 1
	2-Butoxyethanol	111-76-2	0 - 1
	Quartz	14808-60-7	0 - 0.2

## 4.FIRST - AID MEASURES

Eye contact: Remove any contact lenses at once.

Flush eyes well with flooding amounts of running water for at least 15minutes.  
assure adequate flushing be separating the eyelids with sterile fingers.

If irritation oersists,consult a physician.

Skin contact: Remove all contaminated clothing..

Washthe affected area with plenty of water with mild soap

If irritation is continued,refer to medical attention.

Inhalation: Remove the victim from the contamination immediately to fresh air.

If breathing is weak,irregular or has stopped,open his airway,loosen his and belt  
and adminisiter artificial respiration.And refer for medical attention.

Ingestion: Do not induce vomiting and refer to medical attention.

never give anything to someone who is unconscious.

## 5.FIRE - FIGHTING MEASURES

Specific hazards regarding with fire fighting measure:

Apply water from a safe distance to cool and project surrounding area.  
Firefighters should wear proper protective equipment and self-breathing apparatus.

Suitable extinguishing media: Water/Dry chemical powder/Carbon dioxide/Foam and dry sand.

Hazardous combustion products: Carbon monoxide,smoke,fumes and oxides of carbon.

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#### 6.ACCIDENTAL RELEASE MEASURES

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Personal precautions: Wear proper protective equipment.  
In case of insufficient ventilation,wear suitable respiratory equipment.  
Shut off all sources of ignition.  
Avoid contact with skin and eyes.  
Remove ignition sources and ventilate the area.  
Evacuate personnel to safe area.evacuate non-essential personnel.

Environmental precautions: Do not wash away into sewer,watercourse or river.  
Prevent spills from entaering a lot of outflow,watercourses or low areas.  
In oder to prevent a lot of outflow,it shoulds with the ground etc.

Methods for cleaning up: Take up spilled material with ashes or other absorbents.  
After material is completely picked up, wash the spill site with soap and water  
and ventilate the area.  
Put all wastes in a plastic bag for disposal and seal it tightly.  
Remove, clean, or dispose of contaminated clothing.

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#### 7.HANDLING AND STORAGE

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Handling: Keep away from sources of ignition. - No smoking. Avoid contact with eyes.  
Avoid contact withskin. Do not swallow. Do not breathe gas/fumes/vapour/spray.  
Use only in well-ventilated areas.When using do not eat or drink.  
Wash hands before breaks and immediately after handling the product.  
Storage: Keep out of the reach of children. Keep container in a well-ventilated place.  
Keep away from food,drink and animal feedingstuffs.

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#### 8.EXPOSURE CONTROLS/PERSONAL PROTECTION

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Exposure controls:	ACGIH(TLV)(mg/m <sup>3</sup> )
Occupational exposure controls: Propylene glycol	-
2-Butoxyethanol	-
Quartz	0.05

Personal protective equipment:  
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.  
Hand protection: Wear suitable gloves.  
Eye protection: Wear safety glasses with side shields.  
Skin protection: Wear suitable protective clothing.  
Environmental exposure controls: Maintain levels below Community environmental protection thresholds.  
General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

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#### 9.PHYSICAL AND CHEMICAL PROPERTIES

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Appearance: Opaque.  
Colour: Each color  
Physical State: Liquid.  
Odour: Slight  
pH: 7.0 - 10.0  
Boiling point / boiling range: Not available.  
Melting point / melting range: Not available.  
Flash point: Not available.  
Flammability (solid, gas): Not available.  
Explosive properties: Not available.  
Oxidising properties: Not available.  
Vapour pressure: Not available.  
Relative density (of concentrate): 1.0 - 1.5  
Solutility (in water) (of concentrate): Complete.  
Solutility (in oil) (of concentrate): Impossible  
Partition coefficient: n-octanol/water: Not available.  
Viscosity (of concentrate): Not available.  
Miscibility: Not available.  
Vapor density: Not available.

Evaporation rate: Not available.  
Auto-ignition temperature: Not available.  
Lower Flammability Limit: Not available.  
Upper Flammability Limit: Not available.

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#### 10.STABILITY AND REACTIVITY

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Stability: Stable under recommended storage conditions. Contents under pressure.

Container may explode if heated. Do not puncture. Do not burn.

Conditions to avoid: No dangerous reaction known under conditions of normal use.

Materials to avoid: Acids. Bases. Oxidizers. Reducing agents.

Hazardous decomposition products: Not available.

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#### 11.TOXICOLOGICAL INFORMATION

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##### ■2-Butoxyethanol

Acute toxicity-ORAL : CATEGORY 4

Acute toxicity-DERMAL : CATEGORY 3

Acute toxicity-INHALATION : CATEGORY 2

Skin corrosion/irritation : CATEGORY 2

Eye damage/irritation : CATEGORY 2A

Toxic to reproduction : CATEGORY 2

Specific target organ systemic toxicity(single exposure) : CATEGORY 1

Specific target organ systemic toxicity(repeated exposure) : CATEGORY 1

■Quartz No information available

Quartz : Information as powder

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#### 12.ECOLOGICAL INFORMATION

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##### ■Titanium dioxide

Hazardous to the aquatic environment (acute) : Not classified

Hazardous to the aquatic environment (chronic) : CATEGORY 4

##### ■Carbon black

Hazardous to the aquatic environment (acute) : Not classified

Hazardous to the aquatic environment (chronic) : CATEGORY 4

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#### 13.DISPOSAL CONSIDERATIONS

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Do not dump sewers,on the ground or into any of water.

Consult an expert on the disposal of recovered material.

Be sure to mention name,catalog number quantity of the material.

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#### 14.TRANSPORT INFORMATION

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【7.HANDLING AND STRAGE】 Reference

Coarse handling,such as making a cargo reverse or throwing it,is not carried out.

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#### 15.REGULATORY INFORMATION

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Regulatory information with regard to this substance in your country or in your region be examined by your own responsibility.

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#### 16.OTHER INFORMATION

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Disclaimer: The information contained in this document applies to this specific material as supplied.

It may not be valid for this material if it is used in combination with any other materials.

It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.