

MATERIAL SAFETY DATA SHEET
FLUORESCENT TRACKING DUST - YELLOW

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING

Product Name FLUORESCENT TRACING DUST – YELLOW

Company Name Tolbest Limited
10/11 Aston Court
Kingsland Grange Warrington
Cheshire WA1 4SG
United Kingdom
Tel: 44 (0) 1925 825335 (Emergency Number)
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SECTION 2. HAZARDS IDENTIFICATION

Composition: A Dyed/Pigmented Melamine, Sulphonamide, Copolymer.

Hazardous Ingredients:

Does not contain any substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/584/EEC as amended by the Seventh Amendment 92/32/EEC.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	EC-No	Weight Percent	Classification
Titanium Dioxide	13463-67-7	2366755	1 100	

NO DANGEROUS INGREDIENTS ACCORDING TO REGULATION (EC) NO 1907/2006

SECTION 4. FIRST AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

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

Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eye lids apart. Seek medical advice.

Skin Contact: Wash skin thoroughly with soap and water or with a recognised skin cleaner.
Do not use solvents or thinners.

Ingestion: Drink plenty of water. Do not induce vomiting. If symptoms persist
Seek Medical Advice

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SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media: Foam, Carbon Dioxide, Water,

Precautions: Exposure to decomposition products may cause a health hazard
(see section 10)

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to protective measures listed in Section 8.
Avoid dust formation. Take precautionary measures against static discharges.

Environmental Precautions Do not let product enter drains or watercourses. If the product contaminates lakes, rivers or watercourses inform the appropriate authorities in accordance with local regulations.

Methods for Cleaning Up: Contain spillage with suitable dust binding materials such as sand or sawdust and dispose of in accordance with section 13. Clean affected areas with water/biodegradable surfactant solution – avoid the use of solvents.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid dust formation. Take precautionary measures against static discharges.

Storage: Store in a dry well ventilated place, away from sources of heat and direct sunlight. Keep away from sources of ignition. Keep away from strong oxidising agents and alkaline and acid materials.
Containers which are opened should be closed or folded over and kept upright to prevent leakage and control contamination. Keep in original packaging.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Provide local exhaust ventilation if required. See Exposure limits.

Exposure Limits: **SHORT TERM EXPOSURE LONG TERM EXPOSURE LIMITS**

Total Inhalable Dust	10mg/m3	10/mg/m3
Respirable Dust	5mg/m3	5mg/m3

Respiratory Protection: Provide local extraction if required. See Exposure limits. If Exposure limits are likely to be exceeded then ensure that dust masks are used.
EN 143 type P2 is recommended. Please check with your supplier.

Hand Protection Wear Gloves

Eye Protection Wear goggles

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General Safety and Hygiene Measures:

The usual precautions for the handling of chemicals must be observed.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Coloured Fine Powder
Softening Point:	Not Applicable – Thermoset Product.
Decomposition Point:	Above 190 degree Celsius
Solubility in Water:	None (g/l @ 20 degree Celsius)
pH Value:	6-7.5 (5% in water @ 25 degree Celsius)
Specific Gravity:	1.15 @ 20 degree Celsius
Flash Point:	Not applicable
Odour:	Slight Formaldehyde Odour
Viscosity:	Not applicable
Boiling Point:	Not applicable
Vapour Density:	Not applicable
Vapour Pressure:	Not applicable
Explosion Hazard:	Dust explosion hazard
Minimum Explosion Concentration:	67-75 g/m ³ (based on similar product)
Minimum Ignition Energy:	7-10 m.Joules (based on similar product)

SECTION 10. STABILITY AND REACTIVITY
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Conditions Contributing to Instability:

Product is stable under recommended storage and handling conditions.
If exposed to elevated temperatures formaldehyde gas can be liberated
in these cases suitable control procedures should be implemented.

Conditions Contributing to Hazardous Polymerisation: Not applicable

Materials to Avoid: Keep product away from strong oxidising agents and strongly alkaline or acidic materials.

Hazardous Decomposition Products:

Fumes may contain oxides of Sulphur, Carbon, Nitrogen and other toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity LD50:	More than 16g/kg						
Acute Dermal Toxicity LD50	More than 23g/kg						
Acute Dust Inhalation LC50:	More than 4.4mg/L (4 hours)						
Eye Irritation:	No significant irritation						
Heavy Metal Content:	TYPICAL ANALYSIS expressed in mg/kg						
Antimony	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium
< 1	< 1		< 1	< 1	< 1	< 1	< 1
Free Primary Aromatic Amine:	Less than 0.01% w/w. typical analysis						
Notes:	The values for acute oral toxicity, acute dermal toxicity and acute dust inhalation refer to tests conducted on representative samples, as it is						

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impractical to test all shades in the product range, these tests resulted in
NO DEATHS OF THE TEST ANIMALS

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SECTION 12. ECOLOGICAL INFORMATION

There is no data available on the product itself.
The product should not be allowed to enter drains or watercourses.

SECTION 13. DISPOSAL CONSIDERATIONS
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Do not allow into drains or watercourses.
Waste and emptied containers should be disposed of in accordance with current legislation and local regulations.

SECTION 14. TRANSPORT INFORMATION
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Considered as non-hazardous under Transport Regulations.

SECTION 15. REGULATORY INFORMATION

Labelling According to EEC Directives: Not subject to labelling.

National Legislation/Regulations: This product is classified as NON-HAZARDOUS under the UK
"Chemicals (Hazard information and Packaging) Regulations" CHIP
Regulations.

SECTION 16. OTHER INFORMATION

The information in this MSDS is based on the present state of our knowledge and on the current EEC and National Laws.

It is the responsibility of the user to ensure that their employees are aware of the content of this MSDS and also to ensure that any additional local rules and regulations are satisfied.

The information contained in this MSDS is provided in accordance with the current legal requirement, and should not be considered as a guarantee of the product's properties or performance.

The Information in this Safety Data Sheet is pursuant to:

- (a) The Chemical (Hazard Information and Packaging) Regulation 1994.
- (b) Article 27 of the Dangerous Substance Directive – 67/548/EEC as amended by the Seventh Amendment 92/32/EEC (Official Journal, No L154, 5 June 1992, P1).
- (c) Article 10 of the Dangerous Preparation Directive-88/379/EEC (Official Journal, No L187, 16 July 1988, P14).
- (d) The Safety Data Sheets Directive -91/155/EEC as amended by Directive 93/112/EEC (Official Journal, No L314, 16 December 1993, P38).