

SAFETY DATA SHEET – FLINTS PIGMENT DISPERSANT

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product Name / Code:	Flints Pigment Dispersant / PATFPD
REACH Key Notes:	N/A
Application of Substance:	Add pigment powder to a very small quantity of dispersant whilst stirring until a very thick paste is achieved. This thick paste can be diluted slightly with water before mixing with a glaze. Add the paste to the glaze to produce the desired depth of colour. However, the dispersant is a retarder and if too much paint is added it will take a long time to dry.
Company:	Flints Theatrical Chandlers Ltd Unit 9 Deptford Trading Estate Blackhorse Road SE8 5HY
Telephone:	+44 (0) 20 7703 9786
Email:	sales@flints.co.uk

Telephone operated from 08:30 - 17:30 Monday to Friday, 09:00 - 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS

EC Number:	200-338-0
CAS Number:	57-55-6

4. FIRST AID MEASURES

Eyes:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Skin:	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Ingestion:	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Inhalation:	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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5. FIRE FIGHTING MEASURES

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Oxides of: Carbon.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Wear protective clothing as described in Section 8 of this safety data sheet. Do not discharge onto the ground or into water courses. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

Avoid spilling, skin and eye contact. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

TWA: 25 ppm, 79 mg / m³

Protective Equipment:



Engineering Measures:

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory Equipment:

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand Protection:

Use suitable protective gloves if risk of skin contact.

Eye Protection:

If risk of splashing, wear safety goggles or face shield.

Other Protection:

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid. Colourless or misc. colours

pH: 7 - 10

Melting Point: < -51 °C

Boiling Point: < 150 °C

Flammability: 2.6 - 12.5 %

Relative Density: 1.03 - 1.05 20

Vapour Pressure: <10 mbar 20 °C

Solubility:	Soluble in water
Flash Point:	104 pm closed cup.
Partition Coefficient:	-0.92 (N-Octanol / Water)
Viscosity:	43 cSt 20
Auto Ignition:	> 370 °C

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions.
Conditions to avoid:	Avoid excessive heat for prolonged periods of time.
Hazardous Polymerisation:	Will not polymerise.
Materials To Avoid:	Strong oxidising substances. Strong acids. Strong alkalis.
Hazardous Decomposition:	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1 - LD 50:	21000 - 34000 mg/kg (oral rat)
Inhalation:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Ingestion:	May cause discomfort if swallowed.
Skin Contact:	Liquid may irritate skin.
Eye Contact:	Spray and vapour in the eyes may cause irritation and smarting.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not regarded as dangerous for the environment. LC 50, 96 Hrs, FISH mg/l 4600 - 54600 EC 50, 48 Hrs, Daphnia, mg/l 4850 - 34400
Mobility:	The product is miscible with water. May spread in water systems.
Degradability:	The product is easily biodegradable.

13. DISPOSAL INFORMATION

Do not puncture or incinerate even when empty.

14. TRANSPORT INFORMATION

No special precautions.

15. REGULATORY INFORMATION

Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations.
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Approved Code Of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

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