

Material Safety Data Sheet

according to EC directive 91/155/EEC and subsequent amendments

Matt Emulsion

Date reviewed: 12th January 2010

Date issued: 4 February 2015

Replaces all previous editions

1. Identification of the Preparation and of the Company

Reference/Product name: **Matt Emulsion**
Intended use: Decorative coating for application by brush, roller or spray
Company/undertaking name & address:
ZOFFANY LIMITED, Chalfont House, Oxford Road,
Denham, UB9 4DX
Telephone: 0844 543 4600 Fax: 0844 543 4602
e-mail: enquiries@zoffany.uk.com

2. Hazards Identification

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3. Composition

Description: Mixture including the following substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are assigned occupational Workplace Exposure Limits

Substance:	% content:	CAS Number:	Classification:	EINECS:	EU Number:
Diuron	<0.1%	000330-54-1	Xn, N,R40, R48/22, R50/53	206-354-4	006-015-00-9

Refer to section 15 & 16 for the wording of the listed risk phrases

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

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do NOT use solvents or thinners

Eye contact: Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting

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

5. Fire fighting measures

Should a fire occur where this material is in use or stored then:
Suitable extinguishing media: Alcohol resistant foam, CO₂, powder, water spray/mist
Unsuitable extinguishing media: High volume water jet
Required special protective equipment for fire-fighters Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Do not allow run-off from fire fighting to enter drains or water courses

6. Accidental release measures

Personal precautions: Refer to protective measures listed in Sections 7 and 8
Environmental precautions: Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). If the product enters drains or sewers immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency
Methods for cleaning: Clean preferably with a detergent: avoid the use of solvents

7. Handling and storage

Handling: Keep the container tightly closed. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of use. Never use pressure to empty the container (it is not a pressure vessel) Always keep in containers made of the same material as the supply container
Storage: Observe the label precautions. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat and direct sunlight. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from strongly alkaline and strongly acidic materials

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8. Exposure Controls

Exposure Controls: Substance

Provide adequate ventilation

TWA⁽¹⁾

ppm⁽⁴⁾ mg.m⁻³⁽⁴⁾

ppm⁽⁴⁾

STEL⁽²⁾

mg.m⁻³⁽⁴⁾

Notations⁽³⁾

Diuron (WEL)

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10

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⁽¹⁾ Long Term Exposure Limit – 8-hour Time Weighted Average

⁽²⁾ Short Term Exposure Limit – 15 minute reference period

⁽³⁾ 'SK' indicates a risk of absorption through the skin. 'SEN' indicates a respiratory sensitiser

⁽⁴⁾ 'WEL' indicates an Workplace Exposure Limit. WEL's are taken from the current version of EH40, except those marked 'SUP', which are assigned by the supplier of the substance

Occupational Exposure Controls:

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH and PPE Regulations

Respiratory protection:

If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn
Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Regular skin inspection of users of this product is recommended

Skin Protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Regular skin inspection of users of this product is recommended

Eye protection:

Eye protection designed to protect against liquid splashes should be worn

Hand protection:

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. Barrier creams may help to protect exposed areas of skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred

Hygiene measures:

Ensure hands are washed before eating drinking or going to the toilet. Apply skin protection cream before handling. Immediately remove any contaminated clothing

9. Physical and chemical properties

Appearance:

Viscous liquid

Melting point:

n/a

Odour:

Acrylic, slightly ammoniacal

Explosive properties:

none

Colour:

White

Flashpoint:

>100°C

Viscosity:

8-12 (Rotthinner)

Vapour pressure:

n/a

pH:

8-10

Relative density

1.24 – 1.37 g/cm³ (weight cup) depending on colour

Boiling point:

>100°C

Solubility:

Miscible in water

V.O.C.

2g/l max. (EU limit cat A/a WB = 30g/L 2010)

10. Stability and reactivity

Conditions to avoid:

Stable under the recommended storage and handling conditions (see Section 7)

Materials to avoid:

Strong acids, alkalis and oxidizing agents

Hazardous decomposition products:

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced

11. Toxicological information

Acute toxicity:

There is no data available on the product itself

Excessive exposure may affect human health as follows:

Skin contact:

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis

Eye contact:

Splashes in the eyes may cause irritation

Inhalation/ingestion:

Not likely to cause any long term harm

12. Ecological information

This product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment, but contains substances so classified. See Section 2 for details

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters

Substance classified as DfE⁽¹⁾

Mobility⁽²⁾

Persistence and biodegradability⁽²⁾

Other adverse effects⁽²⁾

Diuron

Low potential to bioaccumulate

Biodegradable

Very toxic to aquatic organisms

⁽¹⁾ All substances listed in Section 2 and classified as dangerous for the environment (DfE)

⁽²⁾ Information taken from suppliers' safety data sheet and relevant to environmental impacts in the accidental release in storage, handling, use and disposal

13. Disposal Considerations

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under The Control of Pollution Act and The Environmental Protection Act. The Hazardous Waste Regulations do not apply to this product. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

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14. Transport information

Land transport ADR/RID (cross border): This product is not classified as dangerous for carriage
Maritime transport IMDG: This product is not classified as dangerous for carriage
Air transport IATA-DGR This product is not classified as dangerous for carriage

15. Regulatory information

Labelling according to EEC Directives: Labelling according to DPD Directive 1999/45/EC amendment 2006/8/EC and V.O.C. Product Directive 2004/42/CE.

Risk Phrases: **R52/53** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases: **S24/25** Avoid contact with skin and eyes
S29 Do not empty into drains

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work

16. Other Information

General:

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

This safety data sheet replaces all previous versions (refer to above date) and may contain significant new information affecting your risk assessment when using this product. The information contained in this safety data sheet is based on the present state of knowledge and current legislation. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness

Recommendations/restrictions:

The information provided relates only to the material specified for industrial use and does not apply if used in combination with other materials. The data sheet gives information to the best of our knowledge on the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions or recommendations are not followed. It is the user's responsibility to be satisfied that the information provided is suitable and complete enough for this materials particular use

Sources of key data and guidance used to compile this Safety Data Sheet:

This data sheet was prepared in accordance with Directive 91/155/EEC (93/112/EC)
Dangerous Products Directive 1999/45/EC amendment 2006/8/EC
Suppliers' data
Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3) SI 2002/1689
Approved supply list. Information approved for the classification and labelling of substances and preparations dangerous for supply L129 (Seventh Edition)
Approved classification and labelling guide. Guidance on Regulations L131 (Fifth Edition)
The compilation of safety data sheets Approved Code of Practice L130 2002
CHIP for everyone HSG228
European Inventory of Existing Commercial Chemical substances (EINECS)
Approved carriage list Information approved for the carriage of dangerous goods by road and rail L90 (Third Edition)
Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Equipment Regulations 2004 SI 2004/568
Workplace exposure limits EH40/2005
Control of Substances Hazardous to Health Regulations 2002 (COSHH) SI 2002/2677 and subsequent amendments
Hazardous Waste Regulations 2005 SI 2005/894
The Environmental Protection Act 1990
The BCF Guide to the CHIP Regulations Dec 2005

R phrases of hazardous components (except those already listed in section 15):

R40 Limited evidence of a carcinogenic effect
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed

Changes to previous version: Legislative update