R F Bright Enterprises Ltd

Unit 6, Access 4.20
New Hythe Business Park, Bellingham Way
Aylesford, Kent ME20 7HP
Email: enquiries@rfbright.co.uk
Website: www.rfbright.co.uk

Product Safety Data Sheet

CHEMSET® EP 4101, EP 4102, EP 4103, EP 4104, EP 4105 & EP 4106 Fluorescent Colour Pastes

SECTION 1		IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING
1.1	Product identifier	CHEMSET® EP 4101 Fluorescent Yellow Colour Paste CHEMSET® EP 4102 Fluorescent Red Colour Paste CHEMSET® EP 4103 Fluorescent Green Colour Paste CHEMSET® EP 4104 Fluorescent Blue Colour Paste CHEMSET® EP 4105 Fluorescent Orange Colour Paste CHEMSET® EP 4106 Fluorescent Pink Colour Paste
1.2	Relevant identified uses of the substance or mixture and uses advised against	Colouring epoxy resins
1.3	Details of the supplier of the safety data sheet	R F Bright Enterprises Ltd Unit 6 Access 4:20 New Hythe Business Park Bellingham Way Aylesford Kent ME20 7HP England Telephone: +44 (0)1622 717141 (Monday – Friday 08:30 to 17:00 GMT/BST) Email: enquiries@rfbright.co.uk
1.4	Emergency telephone number	+44 (0) 7711 189808
SECTION 2		HAZARDS IDENTIFICATION
2.1	Classification of the substance or mixture:	
2.1.1	Classification according to Regulation (EC) No 1272/2008 CLP	Not classified as hazardous
2.1.2	Classification according to Directive 67/548/EEC	Not classified as hazardous
2.1.3	Additional information	For full text of R-phrases and Hazard- and EU Hazard- statements see SECTION 16.

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Fluorescent Colour Pastes

2.2	Label elements:	
	Hazard pictogram(s)	Not applicable
	Signal word(s)	Not applicable
	Hazard statement(s)	Not applicable
	Precautionary statement(s)	Not applicable
	Supplemental hazard information (EU)	Not applicable
2.3	Other hazards	Not applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Substances	Vegetable oil derivative Inert powder

SECTION 4 FIRST AID MEASURES

4.1	Description of first aid measures:	
	General notes	If affected person feels unwell get medical advice/attention.
	After inhalation	No vapours present at normal temperatures.
	After skin contact	Remove affected person from source of contamination. Remove any clothing soiled by the product. Wash the skin with plenty of soap and water.
	After eye contact	Remove affected person from source of contamination. Remove any contact lenses. Rinse cautiously with water for several minutes. If eye irritation occurs get medical advice/attention.
	After swallowing	DO NOT INDUCE VOMITING! Never make an unconscious person vomit or drink fluids! Get affected person to rinse mouth thoroughly then drink plenty of water. If affected person feels unwell get medical advice/attention.

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	Self-protection of the first aider	No particular precautions considered necessary.
4.2	Most important symptoms and effects, both acute and delayed	No further relevant information is available.
4.3	Indication of any immediate medical attention and special treatment needed	No further relevant information is available.

SECTION 5 FIRE-FIGHTING MEASURES

5.1	Extinguishing media	Dry powder, foam, CO_2, dry sand
	DO NOT USE	Water jet
5.2	Specific hazards arising from the substance or mixture	May produce toxic fumes of carbon monoxide (CO) and carbon dioxide (CO2) during a fire.
5.3	Advice for fire fighters	Wear self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures:	
6.1.1	For non-emergency personnel	Wear suitable protective equipment as referred to in Section 8.
6.1.2	For emergency responders	Wear suitable protective equipment as referred to in Section 8.
6.2	Environmental precautions	Do not allow to enter drainage system, surface or ground water. Inform authorities if there is a possibility that large amounts of product might enter sewer or waterway.
6.3	Methods and material for containment and cleaning up:	
6.3.1	For containment	Prevent from entering drains/water courses.
6.3.2	For cleaning up	Absorb in vermiculite, dry sand or earth and place into containers for recovery or disposal. Wash area thoroughly after dealing with a spillage.
6.3.3	Other information	No further relevant information is available.

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6.4	Reference to other sections	Dispose of contaminated material and dirty washing water as waste according to Section 13.
SECTION 7		HANDLING AND STORAGE
7.1	Precautions for safe handling	Avoid spilling. Avoid contact with eyes. Do not eat, drink or smoke when using this product.
7.1.1	Protective measures	Avoid contact with eyes.
7.1.2	Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash hands at the end of each work shift and before eating, drinking, smoking or using the toilet. Remove contaminated clothing and protective equipment before entering eating areas.
7.2	Conditions for safe storage including any incompatibilities	Store in tightly closed containers in a dry, cool, well-ventilated place. Keep in original containers.
7.3	Specific end use(s)	This product has no specific end uses.
SECTION 8		EXPOSURE CONTROLS / PERSONAL PROTECTION
8.1	Control parameters	Not required.
8.2	Exposure controls	Avoid contact with the eyes. Wash at the end of each work shift and before eating, drinking, smoking or using the toilet. Do not eat, drink or smoke when using this product. Remove any clothing that becomes contaminated and launder before reuse. Avoid release to the environment.
8.2.1	Appropriate engineering controls	No specific requirements noted.
8.2.2	Personal protection equipment:	
	Eye & face protection	If risk of splashing use approved safety goggles or face shield.
	Skin protection:	
	Hand protection	Use suitable protective gloves.
	Other skin protection	Wear appropriate protective clothing.

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	Respiratory Protection	No specific recommendation made.
	Thermal Hazards	None known.
8.2.3	Environmental Exposure Controls	Avoid release to the environment.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties:	
	Appearance	Coloured paste
	Odour	None
	Odour threshold	Not determined
	pH	Not determined
	Melting point / freezing point	Not determined
	Initial boiling point and boiling range	Not determined
	Flash point	>200°C
	Evaporation rate	Not determined
	Flammability	Product is not flammable under normal temperature conditions
	Upper/lower flammability or explosive limits	Not determined
	Vapour pressure	Not determined
	Vapour density	Not determined
	Relative density	1.21 g/cm^3 at 20°C
	Solubility(ies):	
	Water at 20°C	Insoluble
	Organic Solvent	Insoluble
	Partition Coefficient:	
	n-octanol / water	Not determined
	Auto-ignition temperature	>300°C
	Decomposition temperature	Not determined
	Viscosity	Not determined
	Explosive properties	Not classified as explosive
	Oxidising properties	Not classified as oxidising
9.2	Other Information	No further relevant information available.

SECTION 10 STABILITY AND REACTIVITY

10.1	Reactivity	No further relevant information available.

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10.2	Chemical stability	No hazardous reaction when handled and stored according to provisions.
10.3	Possibility of hazardous reactions	No further relevant information available.
10.4	Conditions to avoid	No further relevant information available.
10.5	Incompatible materials	No further relevant information available.
10.6	Hazardous decomposition products	High temperatures generate vapours/gases/fumes of carbon monoxide (CO) and carbon dioxide (CO2).

SECTION 11 TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects:	
	Acute Toxicity	No acute toxicity effects known.
	Skin corrosion / irritation	May cause skin irritation.
	Serious eye damage / irritation	May cause eye irritation.
	Respiratory or skin sensitisation	May cause irritation of the respiratory tract.
	Germ cell mutagenicity	No mutagenic effects known.
	Carcinogenicity	No carcinogenic effects known.
	Reproductive toxicity	No reproductive toxicity effects known.
	Summary of evaluation of the CMR properties	According to present knowledge no CMR effects are known.
	STOT single exposure	No single exposure specific target organ toxicity effects known.
	STOT repeated exposure	No repeated exposure specific target organ toxicity effects known.
	Aspiration hazard	No aspiration hazard effects known.

SECTION 12 ECOLOGICAL INFORMATION

12.1	Toxicity	No further relevant information available.

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12.2	Persistence and degradability	No further relevant information available.
12.3	Bioaccumulative potential	No further relevant information available.
12.4	Mobility in soil	No further relevant information available.
12.5	Results of PBT and vPvB assessment	Not applicable.
12.6	Other adverse effects	No further relevant information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	All waste should be disposed of using a registered waste carrier operating in accordance with local regulations. Waste should not be disposed of by release to sewers.

SECTION 14 TRANSPORT INFORMATION

14.1	UN number	Not applicable
14.2	Proper shipping name	Not applicable
14.3	Transport hazard class(es)	Not applicable
14.4	Packing group	Not applicable
14.5	Environmental hazards	None known
14.6	Special precautions for user	Not applicable
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	This product is not intended to be transported in bulk.

SECTION 15 REGULATORY INFORMATION

15.1	Safety, health and environmental regulations / legislation specific for the substance or mixture	EU Legislation: Regulation (EC) No 1272/2008 of the European Parliament and of the Council dated 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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15.2	Chemical safety assessment	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.
SECTION 16		OTHER INFORMATION
16.1	Issue Date	30 August 2013
	Revisions Made	None
	Supersedes Issue(s) Dated	30 May 2013
16.2	Classification according to Regulation (EC) Nr. 1272/2008 [CLP]	Not applicable
	Classification procedure	Calculation method
16.3	Classification according to Regulation Nr. 1999/45EC	Not applicable

16.4 Note:-

This product is intended for industrial use only and should be in used accordance with good industrial hygienic practice, the recommendations described in the relevant Product Information Sheets and in conformity with the current statutory regulations.
The information given is based on our present knowledge and is supplied solely in connection with the safe use of the product. It is not to be taken as guaranteeing specific properties and customers should satisfy themselves as to the suitability and completeness of such information for their own use.

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