SAFETY DATA SHEET
Macpherson Vinyl Matt Emulsion

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Macpherson Vinyl Matt Emulsion
PRODUCT NO.	4018189
INTERNAL ID	2568, 3783, 3784
APPLICATION	Decoration of interior walls and ceilings. Applied by brush roller & spray. See container for details.
SUPPLIER	Macpherson Paints Crown Paints Crown House Hollins Rd Darwen Lancs, BB3 0BG Tel: 01254 704951 Fax: 01254 702678 macpherson.co.uk
CONTACT PERSON	Product SHE Information Manager

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHANEDIOL	203-473-3	107-21-1	1-5%	Xn;R22
Ethoxylated Isotridecylalcohol mixture			< 1%	Xi;R36/38. N;R51/53.
FORMALDEHYDE ...%	200-001-8	50-00-0	< 1%	Carc3;R40 T;R23/24/25 C;R34 R43
Nonylphenol ethoxylate, branched		68412-54-4	1-5%	Xn;R22. Xi;R41. N;R51/53.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

This product is available as a base to be tinted in store by mixing machine. The following ingredients: ethane-1 2-diol, nonylphenol ethoxylate and ethoxylated isotridecylalcohol mixture, are all present solely in the colourant added to the base paint during the tinting process.

4 FIRST-AID MEASURES

GENERAL INFORMATION

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

NOTES TO THE PHYSICIAN

Consult safety data sheet.

INHALATION

Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in a prone position with head to the side (recovery position) and seek medical advice.

INGESTION

If accidentally swallowed obtain immediate medical advice. Show this safety data sheet. Keep at rest. Do not induce vomiting. If conscious give milk or water to drink.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinners.

EYE CONTACT

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet.

SPECIAL FIRE FIGHTING PROCEDURES

Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

Fire will produce dense black smoke containing hazardous products of combustion (see section10). Decomposition products may be hazardous to health.

PROTECTIVE MEASURES IN FIRE

Appropriate self-contained breathing apparatus may be required.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Exclude sources of ignition and ventilate the area. Floors may become slippery. Warn others of the dangers present and exclude non-essential personnel. Refer to protective measures listed in sections 7 and 8. Avoid breathing vapours.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination or streams, rivers or lakes, the Environment Agency.

SPILL CLEAN UP METHODS

Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid skin and eye contact. Avoid inhalation of vapour. For personal protection, see section 8. Keep the container tightly closed. Smoking, eating and drinking should be prohibited in areas of storage and use. Never use pressure to empty; the container is not a pressure vessel. Always keep in the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Packs with a volume content of 5 litres or more may be marked with a maximum gross weight. To assist employers the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

USAGE DESCRIPTION

Use product only in accordance with methods listed in section 1.

STORAGE PRECAUTIONS

Observe the label precautions. Store between 5°C and 30°C in a dry, well ventilated place. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

STORAGE CLASS

The storage of this product is not subject to any statutory requirements.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ETHANEDIOL	WEL		52 mg/m3(Sk)		104 mg/m3(Sk)	
FORMALDEHYDE ...%	WEL	2 ppm	2.5 mg/m3	2 ppm	2.5 mg/m3	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits LT = Long term exposure limit. ST = Short term exposure limit. Ppm = Parts per million Mgm-3 = Milligrams per cubic metre.

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS

All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control Of Substances Hazardous to Health regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH. These requirements include the provision of any necessary information, instruction and training with regard to their use. Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.

ENGINEERING MEASURES

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapour below the relevant workplace exposure limits, suitable respiratory protection should be worn. (See personal protection below). Dry sanding, flame cutting and/ or welding of the dry paint film will give rise to dust and/ or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be worn.

RESPIRATORY EQUIPMENT

Should not be necessary under normal conditions of use. Suitable respiratory protective equipment should be worn if exposure levels cannot be kept below the workplace exposure limits assigned.

HAND PROTECTION

When skin exposure may occur wear gloves. Advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred. Always wash your hands before eating smoking or using the toilet.

EYE PROTECTION

Eye protection designed against liquid splashes should be worn.

OTHER PROTECTION

Should not be necessary under normal conditions of use.

HYGIENE MEASURES

Always wash your hands before eating, smoking or using the toilet.

PERSONAL PROTECTION

See PPE listed above.

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 proprietory skin cleaner.

ENVIRONMENTAL EXPOSURE CONTROLS

See section 12.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid		
COLOUR	Range of colours		
ODOUR	Characteristic		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	>100	VAPOUR DENSITY (air=1)	Heavier than air
pH-VALUE, CONC. SOLUTION	8.5 - 9.5	VISCOSITY	15 Ps @ 23°C

10 STABILITY AND REACTIVITY

STABILITY

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

MATERIALS TO AVOID

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possiblility of exothermic reaction.

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

TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

GENERAL INFORMATION

The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact, see sections 3 and 15 for the resulting hazard classification.

INGESTION

Ingestion may result in sore throat, abdominal pain, or nausea.

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 and absorption through the skin.

EYE CONTACT

Splashes in the eyes may cause irritation and reversible local damage.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

These products have been assessed following the conventional method in CHIP and are not classified as dangerous for the environment but contain substances dangerous for the environment. See section 3 for details. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. See also sections 5, 6, and 13.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as non-hazardous waste, with code 08 01 12 (list of wastes). Part used containers, not drained and/ or rigorously scraped out and containing dried residues of the supplied coating, are categorised as non-hazardous waste, with code 08 01 12 (list of wastes). Used containers, drained and/ or rigorously scraped out and containing dried residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 02 or 15 01 04 (list of wastes). If mixed with other wastes, the above waste code may not be applicable.

DISPOSAL METHODS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
	No transport warning sign required.
MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

RISK PHRASES

NC	Not classified.

SAFETY PHRASES

NC	Not classified.

UK REGULATORY REFERENCES

The product is determined as not being dangerous for supply in accordance with the Chemicals (Hazard Information Packaging for supply) regulations (CHIP). 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 provision 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.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

APPROVED CODE OF PRACTICE

Approved classification and labelling guide (Fifth edition) The compilation of safety data sheets (Third edition)

GUIDANCE NOTES

EH40/2005 Workplace exposure limits

NATIONAL REGULATIONS

The Control Of Substances Hazardous to Health regulations (as amended) The Manual Handling Operations regulations (as amended) The Environmental Protection (Duty of Care) regulations (as amended) The Health and Safety at Work act 1974 (as amended)

16 OTHER INFORMATION

Macpherson Vinyl Matt Emulsion

GENERAL INFORMATION

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 instruction. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

REVISION COMMENTS

This information is provided in a revised format to that previously produced.

ISSUED BY

Product SHE Information Manager

REVISION DATE	29/01/09
SDS NO.	Revision 7

RISK PHRASES IN FULL

R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

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