

SAFETY DATA SHEET

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name or designation of the mixture Permawood ACQ Colourant Brown

Registration number -

Product registration number Not available.

Synonyms None.

Issue date 15-February-2013

Version number 02

Revision date 09-October-2013

Supersedes date 15-February-2013

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Colouring agent

Uses advised against None known.

1.3 Details of the supplier of the safety data sheet

UK

Company name Impra Wood Protection Ltd

Address Park Road. Industrial Estate,
Barrow-in-Furness,
Cumbria LA14 4EQ
United Kingdom

Telephone +44 (0) 1229 877533

Fax +44 (0) 1229 430761

e-mail sales@impra.co.uk

Website www.impra.biz

1.4 Emergency number +44 (0) 23 8070 2576

Section 2: Hazards identification

2.1 Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification R43

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
-----------------------------------	------------	---------------------------------------

Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.
--------------------	------------	---

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards May cause sensitisation by skin contact. Occupational exposure to the substance or mixture may cause adverse health effects.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Irritating to eyes. Avoid contact with eyes.

Main symptoms Irritation of eyes and mucous membranes. Sensitisation.

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Alcohol ethoxylated, Brown azo dye



Signal word Warning

Hazard statements
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

Precautionary statements

Prevention
P261 - Avoid breathing mist or vapour.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

Storage Not applicable

Disposal P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information Not applicable.

2.3 Other hazards Not assigned.

Section 3: Composition/information on ingredients

Mixture

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Brown azo dye	5 - 10	N/A 404-540-1	-	611-016-00-8	
Classification:	DSD: R43				
	CLP: Skin Sens. 1;H317				
Acetic Acid	2 - 3	64-19-7 200-580-7	-	607-002-00-6	#
Classification:	DSD: R10, C;R35				
	CLP: Flam. Liq. 3;H226, Skin Corr. 1A;H314				
Alcohol ethoxylated	1 - 2	68131-39-5 500-195-7	-	-	
Classification:	DSD: Xi;R41, N;R50				
	CLP: Eye Dam. 1;H318, Aquatic Acute 1;H400				

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

#: This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Composition comments The full text for all R- and H-phrases is displayed in section 16.

Section 4: First aid measures

General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
4.1 Description of first aid measures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. Get medical attention if irritation develops and persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Not available.
4.2 Most important symptoms and effects, both acute and delayed	Irritation of eyes and mucous membranes. May cause allergic skin reaction.
4.3 Indication of any immediate medical attention and special treatment needed	Not available.

Section 5: Firefighting measures

General fire hazards	Non-combustible, substance itself does not burn.
5.1 Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2 Special hazards arising from the substance or mixture	The product itself does not burn. No unusual fire or explosion hazards noted. Irritating and toxic gases or fumes may be released during a fire.
5.3 Advice for firefighters	
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective clothing.
Special firefighting procedures	No unusual fire or explosion hazards noted.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Avoid contact with spilled material. Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid inhalation of vapours or mists. Use personal protective equipment.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the MSDS.
6.2 Environmental precautions	Prevent further leakage or spillage if safe to do so. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Do not let product enter drains. Do not contaminate surface water.
6.3 Methods and material for containment and cleaning up	Extinguish all flames in the vicinity. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Do not allow the spilled product to enter public drainage system or open water courses. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use. For waste disposal, see section 13.
6.4 Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

Section 7: Handling and storage

- 7.1 Precautions for safe handling** Handle in accordance with good industrial hygiene and safety practices. Avoid breathing mist or vapour. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Wash hands thoroughly after handling.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed. Keep in a cool, well-ventilated place. Keep container tightly closed and dry. Keep out of the reach of children.
- 7.3 Specific end use(s)** Not available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

- Occupational exposure limits** No exposure limits noted for the ingredient(s).
- Biological limit values** No biological exposure limits noted for the ingredient(s).
- Recommended monitoring procedures** Follow standard monitoring procedures.

DNEL

Components	Type	Route	Value
Acetic Acid (64-19-7)	Industry	Inhalation	25 mg/m3
Alcohol ethoxylated (68131-39-5)	Industry	Dermal	2080 mg/kg bw/day
		Inhalation	294 mg/m3

PNEC

Components	Type	Route	Value	Form
Acetic Acid (64-19-7)	Not applicable	Sediment	11.36 mg/kg	dw
		Soil	0.47 mg/kg	dw
		STP	85 mg/l	
		Water	3.06 mg/l	
Alcohol ethoxylated (68131-39-5)	Not applicable	Sediment	41.3 mg/kg	dw
		Soil	1 mg/kg	dw
		STP	10 g/l	
		Water	0.0446 mg/l	Freshwater

8.2 Exposure controls

- Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

- General information** Eye wash fountain is recommended.
- Eye/face protection** Wear eye/face protection. (EN166)
- Skin protection**
- **Hand protection** Chemical resistant gloves. (EN 420, EN 388, EN 374)
 - **Other** Wear suitable protective clothing. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
- Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment. (EN 405 FFABE 1P2SL)
- Thermal hazards** Not available.

- Hygiene measures** Avoid contact with eyes. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practices.

- Environmental exposure controls** Not available.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state** Liquid.

Form	Liquid.
Colour	Brown.
Odour	Slightly acidic
pH	3.5 - 4.0
Melting point/freezing point	Not applicable
Boiling point, initial boiling point, and boiling range	100 - 105 °C (212 - 221 °F)
Flash point	> 100 °C (> 212 °F)
Auto-ignition temperature	Not applicable.
Flammability (solid, gas)	Not available
Flammability limit - lower (%)	Not applicable
Flammability limit - upper (%)	Not applicable
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Relative density	Not available.
Density	1.01 - 1.04 g/cm ³
Solubility (water)	miscible
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Percent volatile	Not available.
9.2 Other information	No relevant additional information available.

Section 10: Stability and reactivity

10.1 Reactivity	None known.
10.2 Chemical stability	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions	Not available.
10.4 Conditions to avoid	Avoid temperatures exceeding the flash point.
10.5 Incompatible materials	Not available.
10.6 Hazardous decomposition products	Toxic gas. Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

Section 11: Toxicological information

General information	Not available.
Information on likely routes of exposure	
Ingestion	Not applicable
Inhalation	Not applicable
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Symptoms	Not available.

11.1 Information on toxicological effects

Acute toxicity	Not classified
-----------------------	----------------

Product	Test results
Permawood ACQ Colourant Brown (Mixture)	Acute Oral LD50 Rat: > 2000 mg/kg
Components	Test results
Acetic Acid (64-19-7)	Acute Dermal LD50 Rabbit: 1060 mg/kg

Components	Test results
	Acute Inhalation LC50 Rat: 11.4 mg/l 4.00 Hours Acute Oral LD50 Rat: 3.3 g/kg
* Estimates for product may be based on additional component data not shown.	
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitisation	Not classified
Skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Mixture versus substance information	None known
Other information	Not available.

Section 12: Ecological information

12.1 Toxicity

Components	Test results
Acetic Acid (64-19-7)	LC50 Bluegill (<i>Lepomis macrochirus</i>): 75 mg/l 96.00 hours EC50 Water flea (<i>Daphnia magna</i>): 65 mg/l 48.00 hours
Alcohol ethoxylated (68131-39-5)	LC50 Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>): 0.78 - 1.3 mg/l 96.00 hours EC50 Water flea (<i>Ceriodaphnia dubia</i>): 0.37 - 0.43 mg/l 48.00 hours

* Estimates for product may be based on additional component data not shown.

12.2 Persistence and degradability	No data is available on the degradability of this product. Not inherently biodegradable.
12.3 Bioaccumulative potential	Not available.
Mobility	Soluble in water.
Environmental fate - Partition coefficient	Not available.
12.4 Mobility in soil	Not available.
12.5 Results of PBT and vPvB assessment	Not available.
12.6 Other adverse effects	Components of this product are hazardous to aquatic life. Do not discharge into drains, water courses or onto the ground.

Section 13: Disposal considerations

13.1 Waste treatment methods

Residual waste	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations. Dispose of wastes in an approved waste disposal facility.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14: Transport information

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V

Not listed.

Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER)

Not listed.

Regulation (EC) No. 1907/2006, Article 59(1). Candidate List

Not listed.

Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product is classified and labelled in accordance with EC directives or respective national laws.

National regulations

Young people under 18 years old are not allow to work with this product according to the EU Directive 94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Unknown
Canada	Domestic Substances List (DSL)	Unknown
Canada	Non-Domestic Substances List (NDSL)	Unknown
China	Inventory of Existing Chemical Substances in China (IECSC)	Unknown
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Unknown
Korea	Existing Chemicals List (ECL)	Unknown

Country(s) or region	Inventory name	On inventory (yes/no)*
New Zealand	New Zealand Inventory	Unknown
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Unknown
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Unknown

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Section 16: Other information

List of abbreviations	Not available.
References	Not available.
Information on evaluation method leading to the classification of mixture	Not available.
Full text of any statements or R-phrases and H-phrases under Sections 2 to 15	<p>R10 Flammable.</p> <p>R35 Causes severe burns.</p> <p>R41 Risk of serious damage to eyes.</p> <p>R43 May cause sensitisation by skin contact.</p> <p>R50 Very toxic to aquatic organisms.</p> <p>H226 - Flammable liquid and vapour.</p> <p>H314 - Causes severe skin burns and eye damage.</p> <p>H317 - May cause an allergic skin reaction.</p> <p>H318 - Causes serious eye damage.</p> <p>H400 - Very toxic to aquatic life.</p>
Training information	Not available.
Disclaimer	<p>MANUFACTURER DISCLAIMER: The information given within this SDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user's responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representative of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded 3 years.</p>
Issue date	09-October-2013
Revision date	09-October-2013
Print date	09-October-2013