

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

Section 1 - Identification of the Material and Supplier

COMPANY DETAILS: The Flood Company Australia P/L
 ACN 92 003 024 600
 4 Nelson Avenue Padstow NSW 2211
 Ph: 02 9790 5158, 1800 226-113
 Fax: 02 9709-2604
 A/H 02

PRODUCT:

Product Name: Hammerite Kurust

Other Names: Not Applicable

Manufacturer's Product Code:

Use: Decorative products are intended for use in the decoration of buildings surfaces. Refer to product label for details of areas of use and methods of application. The product is intended for use in the process of repairing, preparing or decorating building surfaces, as directed on the container.

Section 2 - Hazards Identification

STATEMENT OF HAZARDOUS NATURE:

Classified as **Non Hazardous** according to the Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

Classified as **Non Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

Risk Phrases

None Allocated

Safety Phrases

None Allocated

J82 Do not empty into drains or watercourses.

Section 3 - Composition/Information on Ingredients

Substances presenting a physico-chemical, health or environmental hazard within the meaning of the UK Chemicals (Hazard Information and Packaging for Supply) CHIP Regulations or which are assigned occupational exposure limits.

EC No.	CAS No.	HAZARDOUS INGREDIENTS	%	CLASSIFICATION
215-753-2	1401-55-4	TANNIC ACID	2.5-10	Xi R36/38

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

203-539-1	107-98-2	1-METHOXY-2-PROPANOL	1.0-2.5	R10
231-635-3	1336-21-6	AMMONIA	< 1.0 C,	N R34-50

Section 4 First Aid Measures

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

Swallowed: Rinse mouth. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Keep at rest and obtain medical attention.

Eye: Flush immediately with plenty of cool running water. Remove contact lenses continue flushing for 15 minutes. Seek Medical Advice.

Skin: Flush skin with cool running water. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

Inhaled: Remove to fresh air if needed. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious place in the recovery position. Seek medical advice.

IF IRRITATION PERSISTS CALL A DOCTOR

Advice to Doctor: Treat symptomatically

Section 5 Fire Fighting Measures

Extinguishing media: Recommended - alcohol resistant foam, CO₂, powders.
Not to be used - waterjet.

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Fire fighters should wear self-contained breathing apparatus.

Closed containers exposed to fire should be cooled with water. Do not allow run-off from fire-fighting to enter drains or water-courses.

Section 6 Accidental Release Measures

Exclude non-essential personnel.

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in section 8. Contain and collect spillage with non-combustible absorbent materials, eg sand, earth, vermiculite or diatomaceous earth, and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company. In the case of contamination of stormwater drains, streams, rivers or lakes, the relevant environment agency.

Section 7 Handling and Storage

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

HANDLING CONDITIONS: Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in storage and use areas. For personal protection, see Section 8. Always keep in containers made of the same material as the supply container, or in containers that are compatible with the product.

STORAGE CONDITIONS: Observe the label precautions. Store in a cool, dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Do not use or store any paint container by hanging on a hook.

Store separately from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water.

SPECIFIC USE(s): Where applicable refer to the product label and literature for the application and use instructions.

Section 8 Exposure Controls/Personal Protection

EXPOSURE LIMIT VALUES

HAZARDOUS INGREDIENT :

HAZARDOUS INGREDIENT	LTEL (8hr TWA) ppm	LTEL (8hr TWA) mg/m3	STEL (15 mins) ppm	STEL (15 mins)mg/m3	Notes
1-METHOXY-2-PROPANOL	100	375	150	560	WEL,SK
AMMONIA	25	17	35	24	WEL

OEL - Occupational Exposure Limits

WEL - Workplace Exposure Limit

SUP -Manufacturer's recommended Limit

LTEL - Long-term Exposure Limit.

TWA - Time weighted Average

STEL - Short term Exposure Limit (15mins)

sk - Risk of absorption through unbroken skin

sen - Respiratory sensitiser

rd - Figure quoted is for Respirable dust

id - Figure quoted is for Inhalable dust

EXPOSURE CONTROLS

Before commencing work, ensure that a risk management process has been undertaken including risk identification and Assessment has been carried out. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of local regulations.

RESPIRATORY PROTECTION: Avoid the inhalation of vapour, particulates and spray mist. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and solvent vapour below the occupational exposure limit, respiratory protection must be worn.

The selection of respiratory equipment should be in accordance with the relevant Australian standard. (See below in this section)

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

Work only in places of good ventilation. Inside always keep doors and windows fully open during application and drying.

Do not spray any product unless directed to do so on the container. The principal hazards associated with paint spraying are health hazard from inhalation of vapours and spray mist, and fire risk. When applying water-based paints by spray inside or in confined spaces, wearing a cartridge mask of Assigned Protection Factor 40 x OEL for particulates is recommended. This should be confirmed by your risk assessment.

HAND PROTECTION: Wear suitable gloves for protection against materials in section 3.

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed.

EYE PROTECTION: Eye protection designed to protect against liquid splashes should be worn.

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.

Australian standard references:

AS/NZS 1336	Recommended Practices for Occupational Eye Protection
AS/NZS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS/NZS 1716	Respiratory Protective Devices
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

Section 9 Physical and Chemical Properties

Physical State:	Liquid
Flash Point:	NON FLASH °C
Specific Gravity:	1.019
Water Miscibility:	Yes
pH:	>2
Viscosity:	<30 (ISO 6mm Range)
Initial Boiling Point in °C:	100

Section 10 Stability and Reactivity

CONDITIONS TO AVOID: Extremes of temperature.

MATERIALS TO AVOID: Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

Section 11 Toxicological Information

There is no data available on the product itself. The product has been assessed following the conventional method in the UK - CHIP Regulations 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 2 and 15 for details of the resulting hazard classification.

Over-exposures of vapour are irritating to eyes and respiratory system. Excessive concentrations may produce effects on the central nervous system including drowsiness. In extreme cases loss of consciousness may result. Long term exposure to vapour concentrations in excess of quoted OELs may result in adverse health effects. Splashes entering the eye will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

Propylene glycol ethers and their acetates are known not to exhibit the reprotoxic effects that are associated with some ethylene glycol ethers and their acetates.

Section 12 Ecological Information

There is no specific data available on the product itself.

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

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

Products classified as Marine Pollutants are indicated as such under Transport (section 14).

Products classified as Dangerous for the Environment are indicated as such in sections 2 and 15. Any substances in the product that are classified as Dangerous for the Environment, present at concentrations above those requiring listing are given in section 3.

Section 13 Disposal Considerations

Dispose of containers and unused contents in accordance with federal and state regulations. Do not dispose liquid waste in sewerage system.

UK CODES ACCORDING TO THE LIST OF WASTES REGULATIONS:

Product as supplied: Assigned as non-hazardous waste code 08 01 12 waste paint and varnish other than those mentioned in 08 01 11.

Part-used containers, containing dried residues of the supplied product: Assigned as hazardous waste code 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances.

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

Used containers, rigorously scraped out and containing dried residues of the supplied product:
Assigned as non-hazardous waste code 15 01 02 plastic packaging OR non-hazardous waste code 15 01 04 metal packaging.

"Rigorously scraped out" means removing the maximum amount of product from the container by physical or mechanical means (draining or scraping) to leave a residue or contamination that cannot be removed by such means.

These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.

The generator of the waste has the responsibility for proper waste classification, transportation and disposal.

The above information applies to the material as manufactured. Processing, use or contamination may make the information inappropriate, inaccurate or incomplete.

Section 14 Transport Information

This product is not a dangerous good for transport

Transport within user's premises:

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

ADG Classification Information

UN Number : NOT APPLICABLE(N/A)
Proper Shipping Name : N/A
Hazard Class : N/A
Sub-Hazard Class : N/A
Packing Group : N/A
Hazchem Code: N/A

IMDG Classification Information

UN Number : N/A
Proper Shipping Name : N/A
Hazard Class : EX
Sub-Hazard Class :
Packing Group :
Marine Pollutant if indicated here:
Emergency Schedule No: N/A

Section 15 Regulatory Information

This product contains no hazardous substances

INDICATION(S) OF DANGER None
SYMBOLS LETTER(S) None

Section 16 Other Information

Keep out of reach of children.

WARNING LABEL PHRASES: (UK data)

J38

WATER-BASED PAINT.

MATERIAL SAFETY DATA SHEET

Date of Issue: March 2011

Product Name: Hammerite Kurust

- J5 Ensure good ventilation during application and drying.
- S24/25 Avoid contact with skin and eyes.
- J33 When applying it is advisable to wear eye protection.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- J34 After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleanser. Do not use solvent, thinners or white spirit.
- S2 Keep out of the reach of children.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- J16 Do not empty into drains or watercourses. Some local authorities have special facilities for disposing of waste paint.
- J50 Avoid the inhalation of dust. Wear suitable face mask if dry sanding.
- J44 Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead.

Text for R Phrases shown in section 3 describing each ingredient:

- R10 Flammable.
- R34 Causes burns.
- R36/38 Irritating to eyes and skin.
- R50 Very toxic to aquatic organisms.

The above information is believed to be correct with respect to the formula used in manufacture of the product. As data, standards and regulations change, and conditions of use and handling are beyond our control,

NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION