

PAW 55

Material Safety Data Sheet

Issue Date: 5th August, 2015 Page 1 of 5

Section 1 -CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **PAW 55**

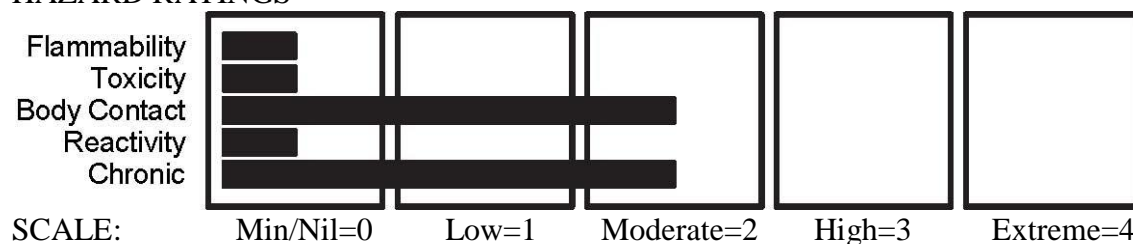
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SYNONYMS "Acrylic emulsion"

PRODUCT USE High build water based peelable coating.

HAZARD RATINGS



Section 2 -HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE
NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
According to the Criteria of NOHSC, and the ADG Code.

POISONS SCHEDULE: None

RISK
None under normal operating conditions.

SAFETY

Safety Codes	Safety Phrases
S23	Do not breathe gas/fumes/vapour/spray.
S24	Avoid contact with skin.
S39	Wear eye/face protection.
S26	In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

Section 4 -FIRST AID MEASURES

SWALLOWED	-Immediately give a glass of water. -First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
EYE	If this product comes in contact with the eyes: -Wash out immediately with fresh running water. -Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
SKIN	If skin contact occurs: -Immediately remove all contaminated clothing, including footwear -Flush skin and hair with running water (and soap if available).
INHALED	-If fumes or combustion products are inhaled remove from contaminated area. -Other measures are usually unnecessary.

NOTES TO PHYSICIAN Treat symptomatically.

Section 5 -FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
FIRE FIGHTING	Alert Fire Brigade and tell them location and nature of hazard. -Wear breathing apparatus plus protective gloves for fire only.
FIRE/EXPLOSION HAZARD	Non combustible. -Not considered to be a significant fire risk.
FIRE INCOMPATIBILITY	None known.
HAZCHEM:	None
Personal Protective Equipment	Gas tight chemical resistant suit. Limit exposure duration to 1 BA set 30 mins.

Section 6 -ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

MINOR SPILLS

-Clean up all spills immediately. -Avoid breathing vapours and contact with skin and eyes.

MAJOR SPILLS

Moderate hazard. -Clear area of personnel and move upwind. -Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

Section 3 -COMPOSITION / INFORMATION ON INGREDIENTS

NAME		%
acrylate copolymer		30-60
formaldehyde.	CAS RN	<0.1^
propylene glycol	50-00-0	<2
additives, rheological agents, thickener	57-55-6	1-10
defoamer, stabilisers, plasticisers		1-5
water	7732-18-5	30-60

Section 7 -HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- DO NOT allow clothing wet with material to stay in contact with skin.

SUITABLE CONTAINER

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.

STORAGE INCOMPATIBILITY

None known.

STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.

Section 8 -EXPOSURE CONTROLS / PERSONAL PROTECTION

Source	Material	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	PEAK ppm	PEAK mg/m3	TWA FCC
Australia Exposure Standards	Vinyl Acetate	10	35	20	70			
Australia Exposure Standards	Vinyl Acetate (h) propylene glycol (Propane-1, 2diol: Particulates only)		10					
Australia Exposure Standards	propylene glycol (Propane-1, 2diol: Vapour & Particulates)	150	474					

The following materials had no OELs on our records

- diethylene glycol monobutyl ether: CAS:112-34-5
- water: CAS:7732-18-5

PERSONAL PROTECTION

RESPIRATOR

Type BAX-P Filter of sufficient capacity

EYE

- Safety glasses with side shields.
- Chemical goggles.

HANDS/FEET

Suitability and durability of glove type is dependent on usage. Factors such as:
-frequency and duration of contact,
-chemical resistance of glove material,
Wear chemical protective gloves, eg. PVC.

NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.

OTHER

- Overalls.
- P.V.C. apron.

ENGINEERING CONTROLS

General exhaust is adequate under normal operating conditions. Local exhaust ventilation maybe required in specific circumstances.

Section 9 -PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Milky-white polymer emulsion with a faint vinegar odour; completely miscible with water.

Slightly corrosive to mild steel, may coagulate on freezing.

PHYSICAL PROPERTIES Liquid.

Mixes with water.

Molecular Weight: Not applicable.

Melting Range(°C):<0

Solubility in water(g/L):Miscible

pH (1% solution): Not available

Volatile Component(% vol):40-50approx

Relative Vapour Density(air=1):Not available

Lower Explosive Limit (%): Not applicable

Auto ignition Temp (°C): Not available.

State: Liquid

Boiling Range (°C): 100 approx

Specific Gravity(water=1):1.05-1.10

pH(as supplied):4.0-6.0

Vapour Pressure (kPa): Not available.

Evaporation Rate: Not available

Flash Point(°C):Not applicable.

Upper Explosive Limit (%): Not applicable

Decomposition Temp (°C): Not available.

Viscosity: Not available

Section 10 -CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY

-Presence of incompatible materials.

-Product is considered stable.

Section 11 -TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

CHRONIC HEALTH EFFECTS

TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

VINYL ACETATE:

TOXICITY

Oral (rat) LD50: 2920 mg/kg

Dermal (rabbit) LD50: 2335 mg/kg

Inhalation (human) TCLo: 25000 ppm

Inhalation (rat) LC50: 3750 ppm *

WARNING: This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans.

PROPYLENE GLYCOL:

TOXICITY

Oral (rat) LD50: 20000 mg/kg

Dermal (rabbit) LD50: 20800 mg/kg

Dermal (rabbit) LD50: 11890 mg/kg

Eye (rabbit): 500 mg/24h -Mild

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (non allergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

IRRITATION

Skin (rabbit): 10 mg/24h Open

Irritant

Eye (human): 22 ppm Irritant

Eye (rabbit): 500 mg/24h Mild

IRRITATION

Skin(human):500 mg/7days Mild

Skin(human):104 mg/3d Intermit Moderate

Eye (rabbit): 100 mg -Mild

DIETHYLENE GLYCOL MONOBUTYL ETHER:

TOXICITY

Oral (rat) LD50: 5660 mg/kg

Dermal (rabbit) LD50: 4120 mg/kg

IRRITATION

Eye (rabbit): 5 mg -SEVERE

Eye (rabbit): 20 mg/24h Moderate

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

WATER:

No significant acute toxicological data identified in literature search.

MATERIAL CARCINOGEN

REPROTOXIN

SENSITISER SKIN

vinyl acetate IARC:2B

CARCINOGEN

IARC: International Agency for Research on Cancer (IARC) Carcinogens: vinyl acetate Category: 2B

Section 12 -ECOLOGICAL INFORMATION

No data

Section 13 -DISPOSAL CONSIDERATIONS

-Recycle wherever possible.

-Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.

Section 14 -TRANSPORTATION INFORMATION

HAZCHEM: None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:UN

Section 15 -REGULATORY INFORMATION

POISONS SCHEDULE: None

REGULATIONS

vinyl acetate (CAS: 108-05-4) is found on the following regulatory lists;

Australia Dangerous Goods Code Draft 7th Edition -Goods too Dangerous to be Transported Australia Exposure Standards

Australia High Volume Industrial Chemical List (HVICL)

Australia Inventory of Chemical Substances (AICS)

IMO MARPOL 73/78 (Annex II) -List of Noxious Liquid Substances Carried in Bulk

International Agency for Research on Cancer (IARC) Carcinogens

International Air Transport Association (IATA) Dangerous Goods Regulations

OECD Representative List of High Production Volume (HPV) Chemicals

propylene glycol (CAS: 57-55-6) is found on the following regulatory lists;

Australia -Australia New Zealand Food Standards Code -Food Additives -Schedule 1

Permitted uses of food additives by food type

Australia -Australia New Zealand Food Standards Code -Food Additives -Schedule 2

Miscellaneous additives permitted in accordance with GMP in processed foods specified in Schedule 1

Australia Exposure Standards

Australia High Volume Industrial Chemical List (HVICL)

Australia Inventory of Chemical Substances (AICS)

IMO MARPOL 73/78 (Annex II) -List of Other Liquid Substances

International Council of Chemical Associations (ICCA) -High Production Volume List

OECD Representative List of High Production Volume (HPV) Chemicals

water (CAS: 7732-18-5) is found on the following regulatory lists;

Australia Inventory of Chemical Substances (AICS)

OECD Representative List of High Production Volume (HPV) Chemicals