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Safety Data Sheet

MASTERMAX Easy Seal

1. Identification of Material and Supplier

Product Name:	MASTERMAX Easy Seal
Product & Barcode Codes:	MMESC10 (9415193001139), MMESC5 (9415193001122), MMESTB5 (9415193001092), MMESC1 (9415193001146), MMESB0100 (9415193001160), MMESC0100 (9415193001221), MMESCH0100 (9415193001177), MMESG0100 (9415193001184), MMESGM0100 (9415193001207), MMESSG0100 (9415193001191), MMESTB10 (9415193001108), MMESPWTH0500 (9415193001238), MMESPWTH4 (9415193001245), MMESS0100 (9415193001214)
Other Names:	Solution Acrylic
Recommended Use:	MASTERMAX Easy Seal is a decorative, solvent based, penetrating concrete stain/sealer with a satin finish.
Company:	Agrippa Paints Ltd
Address:	PO Box 16017, Hornby, Christchurch 8042
Emergency Telephone:	**0800 245 345**
Telephone/Fax number:	Tel: (03) 344 0260 Fax: (03) 349 8732
New Zealand National Poison Centre:	0800 POISON (0800 764 766)

2. Hazards Identification

Signal Word	Warning
Hazard Classification:	Flammable liquids category 3 Acute dermal toxicity category 4 Acute inhalation toxicity category 4 Skin irritation category 2 Eye irritation category 2 Reproductive toxicity category 2 Specific target organ toxicity - repeated exposure category 2 Specific target organ toxicity - single exposure category 3 narcotic effects Hazardous to the aquatic environment chronic category 4 Hazardous to terrestrial vertebrates
Pictogram	
Hazard Statements	Flammable liquid and vapour Harmful in contact with skin Harmful if Inhaled Causes skin irritation Causes serious eye irritation Suspected of damaging fertility or the unborn child May cause damage to organs through prolonged or repeated exposure May cause respiratory irritation May cause drowsiness or dizziness

May cause long lasting harmful effects to aquatic life

Prevention

P210: Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed
P240: Ground and bond container and receiving equipment
P241: Use explosion-proof equipment
P242: Use non-sparking tools
P243: Take action to prevent static discharges
P280: Wear protective gloves/protective clothing/eye protection/face protection
P261: Avoid breathing vapour
P271: Use only outdoors or in a well-ventilated area
P264: Wash hands thoroughly after handling
P202: Do not handle until all safety precautions have been read and understood
P260: Do not breathe mist/vapours
P273: Avoid release to the environment

Response

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water
P370+378: In case of fire: Use foam, water spray or fog, CO2 or dry chemical powder to extinguish
P302+352: IF ON SKIN: Wash with plenty of water
P312: Call POISON CENTER/DOCTOR if you feel unwell
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
P321: Specific treatment - See section 4
P332+P313: If skin irritation occurs: Get medical advice/attention
P362+P364: Take off contaminated clothing and wash before reuse
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing
P337+P313: If eye irritation persists: Get medical advice/attention
P308+P313: If exposed or concerned: Get medical advice/attention
P314: Get medical advice/attention if you feel unwell

Storage

P403+P235: Store in a well-ventilated place. Keep cool
P405: Store locked up

Disposal

P501: Dispose of contents/container in accordance with local government regulations

3. Composition/information of Ingredients

Ingredients:

Name	CAS	Proportion
Dimethylbenzene	1330-20-7	30-60%
Solution Acrylic	Product is a preparation	mixture 30-50%
Solvent naphtha light arom	64742- 95- 6	10-30%
Ethylbenzene	100-41-4	<10%
Pigment	Various	2-5%

4. First Aid Measures

Inhalation:

Remove affected person from contaminated area. If difficulty in breathing or irritation occurs, seek medical attention immediately. If not breathing give CPR and call emergency services immediately.

Ingestion:

Do not induce vomiting. Give 1-2 glasses of water and seek medical attention.

Skin:	Remove contaminated clothing and wash skin thoroughly with soap and water. If irritation persists seek medical attention.
Eye:	Flush eye thoroughly with copious amounts of water for a least 15 minutes. Retract eyelids frequently. Seek medical attention if irritation persists.
Advise to doctor:	Treat symptomatically.

Health Effects

Inhalation:	Dizziness, nausea, loss of consciousness. Respiratory distress, confusion and coma in cases of significant overexposure.
Ingestion:	Ingestion may result in severe gastrointestinal irritation.
Skin:	Prolonged, repeated skin contact with viscosity materials may defat the skin resulting in possible irritation and dermatitis.
Eye:	Irritating, may cause transitionary pain

5. Fire Fighting Measures

Extinguishing media:	Use foam, water spray or fog, CO2 or dry chemical powder to extinguish fire.
Specific Hazards:	Flammable Liquid. Combustion products include oxides of carbon.
Special Fire fighting Procedures:	Use water spray to keep storage tanks, pipelines, fire exposed surfaces etc… cool. Shut off any leak if safe to do so and remove sources of ignition. Vapour/air mixtures may ignite explosively and flashback along the vapour trail may occur. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Prevent runoff from fire control or dilution from entering waterways and sewers.
Special protective equipment:	For fires in enclosed spaces, fire fighters must wear self contained breathing apparatus.
Decomposition Products:	Carbon monoxide.
Flammable limits:	In air (%vol) LEL: 1 UEL: 7.0 Flash point 24 - 27◦C
Hazchem code:	3[Y]

6. Accidental Release Measure

Emergency Procedures:	Wear appropriate personal protective equipment and clothing to reduce exposure. Eliminate all sources of ignition and stop leak if safe to do so. Increase ventilation and evacuate all unnecessary personnel from the area. For small spills absorb with earth or sand, shovel up with spark resistant shovel and place in a well labelled sealable container for subsequent disposal in accordance with Local government Regulations. For large spills contain with dyke and transfer to holding tank for later disposal. Avoid watercourse contamination .

7. Handling and Storage

Precautions for safe handling:	Avoid contact with eyes. Avoid inhalation of vapours or mists. Wear appropriate personal protection. Ensure an eye bath and emergency shower are readily available. Observe a high level of personal hygiene i.e. washing hands before eating, drinking, smoking and using the toilet. Open containers cautiously as contents may be under pressure. Use in well ventilated areas. Do not use near welding or other ignition source and avoid sparks and use spark proof tools and equipment.
Conditions for safe storage:	Store in a cool dry well ventilated place away from direct sunlight and all sources of ignition. Keep containers tightly closed when not in use. Inspect regularly for deficiencies like damage or leaks. Protect against physical damage. Store away from incompatible materials, oxidising agents, foodstuff and clothing. Store in accordance with regulations relevant to Class 3 substances.

8. Exposure Controls/Personal Protection

National Exposure standards:

Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)	Notes
Xylene	655	150	350	80	
Ethyl Benzene	543	125	434	100	

Tolerance = 100ppm in air.

Biological Limit Values: No biological limit values available for this product.

Engineering Controls: Ensure ventilation is sufficient to maintain air concentration below exposure limits. If necessary use a flame/explosion proof exhaust ventilation system.

Respiratory Protection: Approved respiratory protective equipment must be worn when vapor or mist concentrations exceed applicable standards. Expert advise should be sort to find the right equipment for your individual circumstances. Reference should be made to AS/NZS 1715 Use and Maintenance of Respiratory Protective Devises; and AS/NZS 1716 Respiratory Protective Devises.

Eye Protection: Safety glasses with side shields, full face shields or googles as appropriate. Expert advise should be sort to find the right equipment for your individual circumstances. Eye Protection should conform with AS/NZS 1337 Eye Protectors for Industrial Applications.

Hand Protection: Wear gloves of an impervious nature. Type of glove may vary according to individual circumstances. Reference should be made to AS/NZS 2161.1 Occupational protective gloves, Use and Maintenance.

Body Protection: Wear appropriate protective clothing including covering arms and legs to reduce contact with skin. Remove immediately if they become contaminated.

9. Physical and Chemical Properties

Appearance: Thin liquid.

Colour: Clear and various pigments.

Odour: Typical aromatic hydrocarbon odour.

Melting Point: NA

Boiling Point: IBP: 138.00 °C FBP: 143.00 °C

Solubility in Water (g/l): In soluble

Volatile Component: 100

Flash Point: 24 - 27 °C

Flammability: Product is flammable. Isolate from sources of heat, naked flames, sparks and oxidising materials. Take precautions against discharges of static electricity Earth and bond all process equipment including tanks and drums. Ensure ventilation is adequate to prevent build up of explosive atmosphere. Refer to AS 1940 - Storage and handling of flammable and combustible liquids and AS 2865 - Safe working in a confined space, for more specific information on these subjects.

Auto-Ignition Temperature: 495.00 °C

Flammable Limits - Lower: 1%v/v

Flammable Limits - Upper: 7%v/v

10.Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Heat, flames and other ignition sources.

Incompatible Materials: Oxidising materials.

Hazardous Decomposition Products: Oxides of carbon.

Hazardous Polymerization: Unknown

11. Toxicological Data

Acute Toxicology:

Inhalation -	Inhalation may cause irritation to the respiratory system. Harmful by inhalation. Prolonged exposure to vapours may cause dizziness, nausea and loss of consciousness. Respiratory distress, confusion and coma in cases of significant overexposure.
Ingestion -	Ingestion may result in severe gastrointestinal irritation. Aspiration can cause pneumonitis and pulmonary edema.
Skin -	May be absorbed in harmful amounts. Irritating to skin. Prolonged, repeated skin contact with viscosity materials may defat the skin resulting in possible irritation and dermatitis.
Eye -	Mildly irritating to the eyes.
Chronic Effects -	Prolonged and repeated skin contact may cause dermatitis due to defatting effect.

Genetic Toxicology:	NA
Reproductive Toxicology:	NA

12. Ecological Information

Ecotoxicity:	This material is toxic to aquatic life and wildlife. Avoid discharge into waterways.
Persistence and degradability:	No information available for this product.
Mobility:	No information available for this product.
Environmental Fate:	Avoid contaminating waterways.
Bio accumulative Potential:	No information available for this product.

13. Disposal Considerations

Waste Disposal:	Follow Local Government regulations for disposal of the waste. Avoid discharge into stormwater drains, sewers and waterways, contact the Local authorities if this occurs.

14. Transport Information

Transport information New Zealand:	According to NZS 5433:1999 Transport of Dangerous Goods on Land this material is classified as a Class 3 - Flammable Liquid Must not be loaded in the same freight container or on the same vehicle with: - Class 1, Explosives - Class 2.1, Flammable gases - Class 2.3, Toxic gases - Class 4.2, Spontaneously combustible substances - Class 5.1, Oxidising substances - Class 5.2, Organic peroxides or - Class 7, Radioactive materials unless specifically exempted. Must not be loaded with in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with: - Class 4.3, Dangerous when wet substances Goods of packing group II or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with: - Class 4.2, Spontaneously combustible substances - Class 4.3, Dangerous when wet substances - Class 5.1, Oxidising substances
Transport information Australia:	According to the Australian Code for the Transport of Dangerous Goods by Road and Rail this material is classified as a Class 3 (Flammable Liquid) Dangerous Good. Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following: - Class 1, Explosive - Class 2.1, Flammable Gas, if both the Class 3 and Class 2.1 dangerous goods are in bulk - Class 2.3, Toxic Gas

- Class 4.2, Spontaneously Combustible Substance
- Class 5.1, Oxidising Agent
- Class 5.2, Organic Peroxide
- Class 6.1, Toxic and Class 6.2 Infectious Substances, if the Class 3 dangerous goods are nitromethane
- Class 7, Radioactive Substance

14. Transport Information Cont.…

UN Number:	1263
Proper Shipping Name:	Paint related materials
DG Class:	3
Hazchem Code:	3[Y]
Packaging Method:	3.8.3RT1
Packing Group:	III
EPG Number:	3A1
IERG Number:	16

15. Regulatory Information

New Zealand:	Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Australia:	Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
	Classified as Schedule 6 (S6) Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons.
Toxic Substance Schedule:	Standard
HSNO Approval Number	HSR002662

16. Other Information

Revision Date:	SDS Reviewed January 2025
Legend to abbreviations and Acronyms:	NA = Not Applicable
	C = Celsius
Literature References:	No data available
Sources for Data:	No data available