

Safety Data Sheet

407 MICROBALLOONS

Version 1.4



17 Corban Avenue, Henderson, Waitakere 0612 P.O. Box 21169, Henderson, Waitakere 0650, New Zealand
Phone: +64 9 838-6961 Facsimile: +64 9 836-4849 Website: www.adhesivetechologies.co.nz

1. Product and Company Identification

Product Name	WEST SYSTEM* MICROBALLOONS
Product Code	407
Recommended uses	Construction of fibre reinforced equipment and fittings. Suitable for construction of recreational water craft. Corrosion resistant flooring and coatings.
Company	Adhesive Technologies NZ Ltd
Street Address	17 Corban Avenue Henderson Auckland
Telephone	+64 9 838 6961
Emergency Contact numbers	National Poisons Centre 0800 764 766 (0800 POISON)
	Other Countries 0064 3 479 7248
	New Zealand Fire Service – 111

2. Hazards Identification

HSNO Classification

9.1D	Harmful to aquatic life
9.2A	Very toxic to the soil environment

3. Composition/Information on Ingredients

Chemical Name	CAS no.	Weight %
Phenolic Resin	9003-35-4	100

4. First Aid

Inhalation	First aid is generally not required. If irritation occurs remove victim to fresh air and provide oxygen if breathing is difficult.
Skin Contact	Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.
Eye contact	Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.
Ingestion	Do not induce vomiting. Rinse mouth with water. Give plenty of water to drink.
Treatment	Treat symptomatically

5. Fire-fighting Measures

Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide.
Fire and Explosion Hazards	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product if scattered, may form flammable dust clouds in the air.
Fire-fighting equipment	Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots). Use approved positive pressure self contained breathing apparatus.
HAZCHEM	None allocated

6. Accidental Measures

Personal Precautions	Use cautious judgement when cleaning up spills. Shut off leaks, if possible without personal risk.
Environmental Precautions	Remove contaminated soil to remove contaminated trace residues. Prevent from entering into drains, ditches or rivers.
Clean-up Methods (small)	Sweep up using a broom and shovel. Seal in a plastic bag ready for disposal or recycling.
Clean-up Methods (large)	Remove with vacuum trucks or pump to storage/salvage vessels. Seal tightly for proper disposal.

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7. Handling and Storage

Handling	Keep out of reach of children. Put on appropriate PPE (see section 8). Causes skin irritation and sensitivity. Avoid contact with skin, eyes and clothing. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Do not breathe vapour or mist. Clean up spilled material immediately, and wash clothes, equipment and work area after use.
Storage	Store in a cool, dry place with adequate ventilation. Keep bags closed when not in use.

8. Exposure Controls / Personal Protection

Occupational Exposure limits	None established
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WEL = workplace exposure limit
TWA = time weighted average
STEL = short term exposure limit

Engineering controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants as low as possible and/or below any recommended or statutory limits. Use explosion-proof ventilation equipment.
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Personal Protection	Respiratory - Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
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Skin - Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eye - Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Hand - Recommended: polyvinyl alcohol (PVA), Butyl rubber, EVAL, Neoprene.

9. Physical and Chemical Properties

Appearance	Powder
Colour	Red - Brown
Odour	No Odour
pH	Not available
Vapour pressure	Negligible at normal temp
Vapour density	Not available
Boiling Point	Not available
Melting/Freezing Point	Not available
Solubility (water)	Not Miscible
Specific Gravity/Density	0.2–0.8g/cm ³ [25°C; 77°F]
Flash Point	Not available
Flammable Limits	LFL: Not available UFL: Not available
Auto-ignition	Not available

10. Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid temperatures above 300°C. Potentially violent decomposition can occur, causing gas generation and pressure increases in closed systems.
Materials to avoid	Reactive or incompatible with the following materials: <i>oxidizing materials</i> : Slightly reactive or incompatible with the following materials: <i>acids and alkalis</i> .
Hazardous Decomposition Products	Decomposition products may include the following materials: carbon oxides, phenolics and water.

11. Toxicological Information

Potential Health effects	
Inhalation	Vapours are unlikely due to physical properties.
Ingestion	Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Skin	Prolonged or repeated contact may cause skin irritation.
Eye	May cause eye irritation. Corneal injury is unlikely.

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Acute Health Effects

There is no data available

Systemic Effects	Not available
Carcinogenicity	Not available
Mutagenicity	Not available

12. Ecological Information

Ecotoxicity Not available

Degradability Not Biodegradable.

Bioaccumulation Not available

13. Disposal Considerations

Disposal

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations.

FOR UNUSED AND UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other destruction device.

14. Transport Information

Road, Rail, Sea and Air Transport

UN Number None Allocated

Proper Shipping name None Allocated

DG Class None Allocated

Packing Group None Allocated

HAZCHEM code 2X

IMO/IMDG class None Allocated

ICAO/IATA class None Allocated

EMS code F – A, S – F

Marine pollutant No

15. Regulatory Information

ERMA NZ Approval code HSR003569

16. Other Information

FOR FURTHER PRODUCT INFORMATION CALL ADHESIVE TECHNOLOGIES NZ LTD DURING BUSINESS HOURS

Product Information Manager (+64) 9 838 6961

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