

1. Product and Company Identification

Product Name WEST SYSTEM* MICROLIGHT
Product Code 410
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

Not known, insufficient data to assign group standard.

3. Composition/Information on Ingredients

Chemical Name	CAS no.	Weight %
Sodium Borosilicate Spheres	50815-87-7	>60
PVC Copolymer Spheres	25214-39-5	<40
2,4,6-tris(dimethylaminophenol)	71074-89-0	<10

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.

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.

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.

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	Tan
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	0.11g/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	None known
Materials to avoid	None known
Hazardous Decomposition Products	None known

11. Toxicological Information

Potential Health effects

Inhalation	Not irritating
Ingestion	No negative effects
Skin	Prolonged or repeated contact may cause skin irritation.
Eye	May cause eye irritation. Corneal injury is unlikely.

Acute Health Effects

Test	Species	Result	Exposure
LD50 Oral	Rat	>1,000mg/kg	-
LC0 Inhalation	Rat	0,139mg/L No deaths occurred	4hr
LD50 Dermal	Rabbit	<5,000mg/kg	-

Systemic Effects No negative effects
Carcinogenicity Has not been classified by IARC
Mutagenicity Has not been classified by IARC

15. Regulatory Information

ERMA NZ Approval code Not Applicable

16. Other Information

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

Product Information Manager (+64) 9 838 6961

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.

12. Ecological Information

Ecotoxicity Based on information for silica

Species	Period	Result
<i>Brachydanio rerio</i>	96hr	>10,000mg/L
<i>Daphnia magna</i>	24hr	>10,000mg/L

Degradability Under OECD guidelines this material cannot be considered as readily degradable.

Bioaccumulation Not known

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