

SAFETY DATA SHEET – WUNDASIZE

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product Name / Code:	Wundasize 500 ml, 1 L, 5 L; PAT2020, PAT2021, PAT2025
REACH Key Notes:	N/A
Application of Substance:	Waterbased size. Leave for 15 minutes for it to become “tacky”, it’s then workable for up to 24 hours.
Company:	Flints Theatrical Chandlers Ltd Unit 9 Deptford Trading Estate Blackhorse Road SE8 5HY
Telephone:	+44 (0) 20 7703 9786
Email:	sales@flints.co.uk

Telephone operated from 08:30 – 17:30 Monday to Friday, 09:00 – 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

Not considered as hazardous: White Liquid Sweet Odour.

Eyes:	Slight/mild irritant.
Skin:	Repeated or prolonged skin contact may result in mild irritation.
Inhalation:	Vapour may be irritant to the respiratory tract.
Ingestion:	Ingestion may cause irritation of the gastrointestinal tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Family Component:	Cross-linking Vinyl Acrylic Copolymer Vinyl Acetate.
CAS Number:	108-05-4
Concentration (%):	0.1-1

4. FIRST AID MEASURES

Eyes:	Irrigate with eyewash solution or clean water until pain is relieved. Obtain medical attention.
Skin:	Wash skin with soap and water. If symptoms develop, obtain medical attention.
Ingestion:	Treat symptomatically and supportively. Get medical attention. Do not attempt to give anything by mouth to an unconscious person.
Inhalation:	Remove to fresh air. Get medical attention if irritation persists.

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5. FIRE FIGHTING MEASURES

Flash Point:	100°C
Extinguishing Media:	CO2, Dry Chemical, Foam, Water Fog.
Special Firefighting Procedures:	Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Fire & Explosion Hazards:	This is a water base product and presents no particular fire or explosion hazard. Product contains low level of organic volatiles which may be emitted at elevated temperatures. Dry polymer film will burn.
Flammability Hazard:	CLASS 0= Insignificant.

6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures:	Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface with water drains. Disposal should be in accordance with local, state or national legislation.
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For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

Storage Temperature:	40-100°F
Handling/Storage:	Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the unvented headspace or drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapours.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Component Vinyl Acetate	Exposure Limits ACGIH-TWA: 10 ppm ACGIH-STEL: 15 ppm OSHA-PEL: 10 ppm OSHA-STEL: 20 ppm
Ventilation Requirements:	Local
Eye Protection Requirements:	Wear safety glasses with side shields. Protect against splashing.
Glove Requirements:	The use of chemical resistant gloves is recommended.
Clothing Requirements:	Uniforms, coveralls, or a lab coat should be worn. Rubber boots and apron if exposure is severe.
Wash Requirements:	Wash before eating, drinking, or using toilet facilities.
Respirator Requirements:	None required under normal handling conditions. Use NIOSH approved respirator if vapour or mist levels are irritating.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Pure Substance or Mixture:	Mixture
Appearance:	Liquid
Colour:	White
Odour:	Sweet
pH:	3 - 5
Melting / Freezing Point:	0°C
Boiling Point:	100°C
Flammability:	Not flammable
Oxidising Properties:	N/A
Solubility:	Miscible
Viscosity:	<6010 cPs
Specific Gravity (Water=1):	1.08
Bulk Density:	8.6 lb/gal
Vapour Pressure:	17 mmHg @ 20°C (room temperature)
Vapour Density (Air = 1):	0.62
Volatiles:	52%
Volatile Organic Compounds:	< 10 g/litre
Flash Point:	100 °C

10. STABILITY AND REACTIVITY

Stability:	Stable
Stability Detail:	Stable under normal temperature and pressure. Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere.
Reactivity Hazard:	Class 0 = Stable

11. TOXICOLOGICAL INFORMATION

Route of Entry:	Inhalation; Skin Contact; Eye Contact; Ingestion
Effects of Chronic Exposure:	Product contains residual vinyl acetate, an IARC 2B possible human carcinogen. Vinyl acetate vapours have been shown to cause tumours in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime; 200ppm causes irritation; 50ppm produces no observable effect. There is no evidence of adverse effects to humans exposed to levels or below the ACGIH TLV

Target Organs:	N/A
Carcinogen:	No
Product Toxicology:	Unlikely to cause harmful effects under normal conditions of handling and use.
Oral Toxicity:	Vinyl Acetate: Oral LD50: Rat 2.9 g/kg Low oral toxicity. Oral LD50: mouse 1.6 g/kg
Dermal Toxicity:	Dermal LD50: Rabbit 2.4 g/kg. Severely irritating; may cause permanent skin damage. Repeated and/or prolonged contact may cause skin cancer skin sensitisation. Can be rapidly absorbed through skin.
Inhalation Toxicity:	Vinyl Acetate: May cause irritation to eyes and respiratory system.
Eye Irritation:	Vinyl Acetate: Will cause irritation. May cause permanent damage if eye is not immediately irrigated.

12. ECOLOGICAL INFORMATION

Potential to bioaccumulate is unknown. No aquatic toxicity established.

13. DISPOSAL INFORMATION

Waste disposal should be in accordance with local state or national legislation. Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION

Dot Classification:	N/A
Icao/Iata Classification:	N/A
Imo/Imdg Classification:	N/A

The information provided herein may not include the impact of additional regulatory requirements (e.g. for materials meeting definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. REGULATORY INFORMATION

USA: TSCA:	All components are on the TSCA inventory.
SARA/Title III CAS Number Concentration (%):	Vinyl Acetate 108-05-4 0.95
California Proposition:	65
Warning:	This product contains the following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm.
CAS Number:	924-42-5 N-Methylolacrylamide
Acrylamide:	79-06-1
Acetaldehyde:	75-07-0

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Formaldehyde (Gas): 50-00-0

16. OTHER INFORMATION

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

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Disclaimer: Every care is taken in compiling this information and is believed accurate and reliable as of the date indicated. However, Flints Theatrical Chandlers Ltd disclaims all liability for any loss, damage or expense arising from any inaccuracy therein. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own use.