

EASY LEAF PRODUCTS



MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: **WUNDA SIZE**

DISTRIBUTED BY: Neuberg & Neuberg Importers Group, Inc. / Easy Leaf Products
ADDRESS: 6001 Santa Monica Boulevard
Los Angeles, CA 90038

INFORMATION TEL.: (323) 469-0856

EMERGENCY TEL.: (323) 469-0805

SECTION II – INGREDIENT INFORMATION

CHEMICAL FAMILY COMPONENT	CAS NUMBER	Cross-linking Vinyl Acrylic Copolymer CONCENTRATION(%)
Vinyl Acetate	108-05-4	0.1-1

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Not considered as hazardous:
White Liquid Sweet Odor

EYE	Slight/mild irritant
SKIN CONTACT	Repeated or prolonged skin contact may result in mild irritation.
INHALATION	Vapor may be irritant to the respiratory tract.
INGESTION	Ingestion may cause irritation of the gastrointestinal tract.

SECTION IV – FIRST AID MEASURES

EYE	Irrigate with eyewash solution or clean water until pain is relieved. Obtain medical attention.
SKIN CONTACT	Wash skin with soap and water. If symptoms develop, obtain medical attention.
INHALATION	Remove to fresh air. Get medical attention if irritation persists.
INGESTION	Treat symptomatically and supportively. Get medical attention. Do Not attempt to give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING MEASURES

FLASH POINT >212 °F
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.

SECTION VI – 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.
For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

SECTION VII – 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 vapors.

SECTION VIII – EXPOSURE CONTROL/ PERSONAL PROTECTION

COMPONENT EXPOSURE LIMITS
Vinyl Acetate 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 vapor or mist levels are irritating.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE	Mixture
PHYSICAL FORM	Liquid
COLOR	White
ODOR	Sweet
PH AS IS	3-5
OXIDIZING PROPERTIES	Not applicable
BOILING POINT	212°F
MELTING/FREEZING POINT	32°F
SOLUBILITY UB WATER	Miscible
VISCOSITY	<6010 cPs
SPECIFIC GRAVITY (WATER=1)	1.08
BULK DENSITY	8.6 lb/gal
VAPOR PRESSURE (mmHg)	17 @ 20°C
VAPOR DENSITY (air=1)	0.62
VOLATILES	52%
VOLATILE ORGANIC COMPOUNDS	< 10 g/liter
FLASH POINT	> 212°F

SECTION X – 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 an process vessels to the outside atmosphere
REACTIVITY HAZARD CLASS	0 = Stable

SECTION XI – TOXICOLOGY INFORMATION

ROUTE OF ENTRY	Inhalation; Skin Contact; Eye Contact; Ingestion	
CHRONIC (LONG TERM) EFFECTS OF EXPOSURE		
EFFECTS OF CHRONIC EXPOSURE	Product contains residual vinyl acetate, an IARC 2B possible human carcinogen. Vinyl acetate vapors have been shown to cause tumors 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	Not applicable	
CARCINOGEN	No	
PRODUCT TOXICOLOGY		
PRODUCT INFORMATION	Unlikely to cause harmful effects under normal conditions of handling and use,	
ORAL TOXICITY		
Vinyl Acetate	Oral LD50: Rat 2.9 g/kg Oral LD50: mouse 1.6 g/kg	Low oral toxicity.

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 sensitization. Can be rapidly absorbed through skin.
INHALATION TOXICITY	
Vinyl Acetate	May cause irritation to eyes and respiratory system.
NOTES ON EYE IRRITATION	
Vinyl Acetate	Will cause irritation. May cause permanent damage if eye is not immediately irrigated.

SECTION XII – ECOLOGICAL INFORMATION

POTENTIAL TO BIOACCUMULATE	Unknown
AQUATIC TOXICITY	None Established

SECTION XIII – DISPOSAL CONSIDERATION

WASTE DISPOSAL METHODS	Disposal should be in accordance with local state or national legislation.
EMPTY CONTAINER WARNINGS	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

SECTION XIV – TRANSPORT INFORMATION

DOT CLASSIFICATION	NOT APPLICABLE
ICAO/IATA CLASSIFICATION	NOT APPLICABLE
IMO/IMDG CLASSIFICATION	NOT APPLICABLE

The information provided herein may not include the impact of additional regulatory requirements (eg, for materials meeting definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of 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

SECTION XV – 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
N-Methylolacrylamide	924-42-5

Acrylamide	79-06-1
Acetaldehyde	75-07-0
FORMALDEHYDE (GAS)	50-00-0

SECTION XVI – OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship