

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: BRA-LA486-WHITE
Product Name: LA-486 WHITE SELF BOND
Revision Date: Jun 11, 2019 **Date Printed:** Jun 11, 2019
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: Lakeside Plastics
Address: 450 W 33rd Ave Oshkosh, WI, US, 54902
Emergency Phone: 800-535-5053
Information Phone Number: 920-235-3620
Fax: 920-235-6545
Product/Recommended Uses: Vinyl Plastisol

SECTION 2) HAZARDS IDENTIFICATION

Notice

All warnings regarding chemicals in a dust format do not apply to any of our plastisol product line. It is mandatory to disclose all hazardous materials per the GHS guidelines, but there is no dust exposure possible in this product line formulations.

Classification

Acute aquatic toxicity - Category 3
Carcinogenicity - Category 2
Chronic aquatic toxicity - Category 3
Eye Irritation - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2

Pictograms



Signal Word

Warning

Hazardous Statements - Health

Suspected of causing cancer
Causes serious eye irritation
May cause damage to organs through prolonged or repeated exposure

Hazardous Statements - Environmental

Harmful to aquatic life with long lasting effects

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention

- Avoid release to the environment.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash thoroughly/hands thoroughly after handling.
- Do not breathe dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- Get Medical advice/attention if you feel unwell.

Precautionary Statements - Storage

- No precautionary statement available.
- Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation. Under RCRA it is the responsibility of the user of the products to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Hazards Not Otherwise Classified (HNOC)

None

Acute toxicity of 3% of the mixture is unknown

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0009002-86-2	POLYVINYL CHLORIDE	47% - 57%
Trade Secret	Trade Secret Plasticizer	24% - 29%
Trade Secret	Trade Secret Plasticizer	8% - 12%
0000108-46-3	RESORCINOL	0.3% - 2.5%
0013463-67-7	TITANIUM DIOXIDE	0.3% - 2.2%
0001309-64-4	ANTIMONY TRIOXIDE	0.2% - 1.6%
0000112-80-1	OLEIC ACID	Trace
0007631-86-9	SILICA, AMORPHOUS	Trace
0007439-92-1	LEAD	Trace
0007440-38-2	ARSENIC	Trace
0000075-01-4	VINYL CHLORIDE	Trace
0000096-33-3	METHYL ACRYLATE	Trace

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. Get medical advice/attention: IF exposed, concerned or feeling unwell.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with

plenty of lukewarm, gently flowing water for 15-20 minutes. Wash contaminated clothing before re-use or discard. If exposed, concerned or if skin irritation or rash occurs: Get medical advice/attention.

Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Get medical advice/attention if you feel unwell or concerned.

Most Important Symptoms and Effects, Both acute and Delayed

No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media

No data available.

Specific Hazards in Case of Fire

Hazardous combustion products may include HCL and oxides of carbon.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Recommended Equipment

Respirator should be used if the accidental release location is not well ventilated. Eye Protection and Gloves should be worn when handling material.

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Absorb spill onto suitable non-flammable absorbent materials and place in closed containers.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Avoid temperature extremes. Prevent from freezing and avoid storage temperatures above 115F, (46C). Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes.
Containers that have been opened must be carefully resealed to prevent leakage. Empty containers with any residue should be handled by following disposal instructions in Section 13. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced.

Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly dispose of contaminated material, which cannot be decontaminated.

Respiration protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA STEL (ppm)	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (mg/m3)	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	NIOSH STEL (mg/m3)
ANTIMONY TRIOXIDE			0.5			1		
ARSENIC		a				1	1	
LEAD		a	50 ug/m3			1	1	
METHYL ACRYLATE		10	35		1	1	1	
POLYVINYL CHLORIDE								
RESORCINOL								90

SILICA, AMORPHOUS		20 (b)	80 mg/m3 percent SiO2+2			1,3		
TITANIUM DIOXIDE			15			1		
VINYL CHLORIDE		a				1	1	

Chemical Name	NIOSH STEL (ppm)	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	ACGIH - ACGIH	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis	ACGIH STEL (mg/m3)
ANTIMONY TRIOXIDE				1	A2	A2	lung cancer; pneumoconiosis	
ARSENIC				1	A1	A1; BEI	Lung cancer	
LEAD		0.100b		1	A3	A3; BEI	CNS impair; PNS imp; hematologic eff	
METHYL ACRYLATE		35	10	1	A4	Skin; DSEN; A4	Eye, skin & URT irr; eye dam	
POLYVINYL CHLORIDE				1	A4	A4	Pneumoconiosis; LRT irr; pulm func changes	
RESORCINOL	20	45	10	1	A4	A4	Eye & skin irr	
SILICA, AMORPHOUS		6						
TITANIUM DIOXIDE			b	1	A4	A4	LRT irr	
VINYL CHLORIDE			b	1	A1	A1	Lung cancer; liver dam	

Chemical Name	ACGIH STEL (ppm)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
ANTIMONY TRIOXIDE		(L)	(L)
ARSENIC		0.01	
LEAD		0.05	
METHYL ACRYLATE			2
POLYVINYL CHLORIDE		1 (R)	
RESORCINOL	20		10
SILICA, AMORPHOUS			
TITANIUM DIOXIDE		10	
VINYL CHLORIDE			1

(C) - Ceiling limit, (L) - Exposure by all routes should be carefully controlled to levels as low as possible, (R) - Respirable fraction, A1 - Confirmed Human Carcinogen, A2 - Suspected Human Carcinogen, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, DSEN - Dermal sensitization, eff - Effects, func - Function, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, PNS - Peripheral nervous system, pulm - Pulmonary, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	8.97963 lb/gal
Coefficient Water/Oil	N/A
Appearance	N/A
Odor Threshold	N/A
Odor Description	N/A
pH	N/A
Water Solubility	N/A
Flammability	Flash point at or above 200°F/93°C
Flash Point Symbol	>
Flash Point	200 °F
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	Heavier than air
Freezing Point	N/A
Melting Point	N/A
Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	Slower than butyl acetate

SECTION 10) STABILITY AND REACTIVITY

Stability

This material is stable under normal temperature and storage conditions.

Conditions to Avoid

Prolonged exposure to temperatures above 300 °F (148 °C).

Hazardous Reactions/Polymerization

Will not occur.

Incompatible materials

Strong oxidizers.

Hazardous Decomposition Products

Hydrogen chloride and oxides of carbon.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

No data available.

Skin Corrosion/Irritation

No data available.

Serious Eye Damage/Irritation

Causes serious eye irritation

Respiratory/Skin Sensitization

No data available.

Germ Cell Mutagenicity

No data available.

Carcinogenicity

Suspected of causing cancer

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

May cause damage to organs through prolonged or repeated exposure

Aspiration Hazard

No data available.

Acute Toxicity

No data available.

Results of the PBT and vPvB assessment

0013463-67-7 TITANIUM DIOXIDE

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m³ respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m³ level are not relevant to the workplace. Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.'

0007439-92-1 LEAD

LC50 (Invertebrate - daphnia, Chemical added to tank with water (dissolved in water)) : 300 ug/L (48 hours exposure) Toxic effects : Details of toxic effects not reported other than lethal dose value.

0007440-38-2 ARSENIC

LC50 (Invertebrate - daphnia, Chemical added to tank with water (dissolved in water)) : 2850 ug/L (48 hours exposure) Toxic effects : Details of toxic effects not reported other than lethal dose value.

LD50 (Rodent - rat, Oral): 763 mg/kg, Toxic effects: Behavioral - ataxia Gastrointestinal - hypermotility, diarrhea

LD50 (Rodent - mouse, Oral) : 145 mg/kg, Toxic effects : Behavioral - ataxia Gastrointestinal -hypermotility, diarrhea

LD50 (Rodent - mouse, Oral) : 144 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.

0001309-64-4 ANTIMONY TRIOXIDE

LD50 (oral,rat): 3250 mg/kg

0000075-01-4 VINYL CHLORIDE

LC50 (rat): 33700 ppm (4-hour exposure); cited as 47640 ppm (2-hour exposure) (19)

LC50 (mouse): 19400 ppm (4-hour exposure); cited as 27420 ppm (2-hour exposure) (19)

0000108-46-3 RESORCINOL

LD50 (oral, rat): 301 mg/kg (1); 980 mg/kg (2)

LD50 (oral, rabbit): 750 mg/kg (3a)

LD50 (oral, guinea pig): 370 mg/kg (3a)

LD50 (dermal, rabbit): 3360 mg/kg (2)

0000096-33-3 METHYL ACRYLATE

LD50 (oral, rat): 300 mg/kg (4)

LD50 (oral, rabbit): 280 mg/kg (4)

LD50 (dermal, rabbit): 1300 mg/kg (4)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

Persistence and Degradability

No data available.

Bioaccumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation and reuse.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

No data available.

IMDG Information

No data available.

IATA Information

No data available.

SECTION 15) REGULATORY INFORMATION

Warning

California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

CAS	Chemical Name	% By Weight	Regulation List
0009002-86-2	POLYVINYL CHLORIDE	47% - 57%	SARA312,TSCA

Trade Secret	Trade Secret Plasticizer	24% - 29%	SARA312,TSCA
Trade Secret	Trade Secret Plasticizer	8% - 12%	SARA312,TSCA
0000108-46-3	RESORCINOL	0.3% - 2.5%	CERCLA,SARA312,TSCA,RCRA
0013463-67-7	TITANIUM DIOXIDE	0.3% - 2.2%	SARA312,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0001309-64-4	ANTIMONY TRIOXIDE	0.2% - 1.6%	SARA313, CERCLA,SARA312,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0000112-80-1	OLEIC ACID	Trace	SARA312,TSCA
0007631-86-9	SILICA, AMORPHOUS	Trace	SARA312,TSCA
0007439-92-1	LEAD	Trace	SARA313, CERCLA,SARA312, TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental
0007440-38-2	ARSENIC	Trace	CERCLA,SARA312,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0000075-01-4	VINYL CHLORIDE	Trace	CERCLA,SARA312,TSCA,RCRA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0000096-33-3	METHYL ACRYLATE	Trace	SARA313, CERCLA,SARA312, TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA National Fire Protection Association; OEL-Occupational Exposure Limits; OSHA-Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value US DOT- US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Additional Information

Any concentration shown as a range is to protect confidentiality or is due to batch variation

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.