SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	Parasolo PVC Bonding Adhesive
TRADE NAME:	N/A
CHEMICAL NAME / SYNONYM:	Adhesive
DISTRIBUTOR:	Siplast
ADDRESS:	14911 Quorum Drive, Ste. 600 Dallas, TX 75254 USA
24-HOUR EMERGENCY PHONE (CHEMTREC):	North America 1 800 424 9300 International: 1-800-527-3887
INFORMATION ONLY:	1-800-922-8800
PREPARED BY:	Corporate EHS
APPROVED BY:	Corporate EHS

SECTION 2: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
Health	*2*	**Health**	*2*
Flammable	*3*	***Flammable***	*3*
Reactive	*1*	**Reactive**	*1*
Special Hazards	-	**Personal Protection**	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION:

Flammable Liquid - Category 2
Eye Irritant - Category 2A
Skin Irritant - Category 2
Reproductive toxicity – Category 2
Target Organ (SE) – 3
Target Organ (RE) - 2
Hazardous to the Aquatic Environment (chronic) - Category 3

GHS PICTOGRAMS: 

SIGNAL WORD: Danger

HAZARD STATEMENTS:

Highly flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.
Take precautionary measures against static discharge. Do not breathe vapors/spray.
Wash hands, forearms, and other exposed areas thoroughly after handling. Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Inhalation, Skin Contact, Eye Contact, Ingestion

SIGNS & SYMPTOMS OF EXPOSURE

EYES: May cause severe eye irritation and corneal damage.

SKIN: May cause dermatitis. May cause defatting and irritation of the skin.

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

INHALATION: May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

ACUTE HEALTH HAZARDS: High vapor concentrations may cause central nervous system (CNS) depression with symptoms including light headedness, giddiness, nausea, drowsiness, headache, nose, throat and respiratory tract irritation, reduced appetite, confusion and unconsciousness.

CHRONIC HEALTH HAZARDS: Damage to the nervous system of the extremities, peripheral

neuropathy, with symptoms including numbness, tingling and weakness in the toes and fingers, sensory impairment to touch, pain, vibration and temperature, muscular weakness, blurred vision, coldness of extremities, loss of body weight and reflexes, and even paralysis. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

CARCINOGENICITY: N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	**CAS #**	**% (BY WT)**	**OSHA**	**ACGIH**	**OTHER**
Acetone	67-64-1	55 – 75	1000 ppm	500 ppm 750 ppm – STEL	REL: 250 ppm
Methyl Ethyl Ketone	78-93-3	3 – 10	200 ppm	200 ppm	REL: 200 ppm
Toluene	108-88-3	1 – 5	200 ppm 300 ppm – ceiling	20 ppm	REL: 100 ppm
Parachlorobenzotri-fluoride (PCBTF)	98-56-6	<1	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Flush with warm water for 15 minutes and seek immediate medical attention.

SKIN: Wash with soap and water for 15 minutes. If irritation persists, contact a physician.

INHALATION: Move victim to fresh air. If breathing has stopped, give artificial respiration. Seek immediate medical attention.

INGESTION: Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Aspiration of this material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal. Get medical attention and advise the physician of the nature of the material.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Target organ is the Central Nervous System (CNS).

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Foam, water spray (fog), carbon dioxide, dry chemical, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this product. Water may be ineffective, but should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water to disperse the vapors and to protect workers attempting to stop a leak. Water spray may be used to flush spills away from exposures.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, carbon monoxide, aldehydes, acrid smoke and irritating fumes.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved. Minimize the breathing of gases, vapors, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Extremely flammable. Vapors may ignite and/or cause flash fires. No smoking. Eliminate sources of ignition. Use adequate cross-ventilation sufficient to remove odor of solvent and vapors. Electrically ground all containers during transfer. This product is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Keep container closed when not in use. Store at 60 – 95 °F and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed. Ground all equipment when handling flammable solvent borne materials.

OTHER PRECAUTIONS:	For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe fumes. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Close all containers when not in use. Contact lens wearers take appropriate precautions. Wash hands thoroughly after handling. For spray applications, use only with approved spray equipment. For flammable products, vapors may cause flash fire or ignite explosively. To prevent buildup of vapors, use adequate ventilations (e.g. open all windows and doors to achieve cross-ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:	Use with ventilation sufficient to prevent exceeding recommended exposure limits or buildup of explosive concentrations of vapor in air.
RESPIRATORY PROTECTION:	If personal exposure concentrations cannot be maintained below the appropriate exposure limits using engineering controls, a NIOSH/MSHA approved organic vapor air purifying respirator may be appropriate based on employer-determined exposure levels. Air supplied or SCBA respirators may be required when the measured chemical concentration exceeds the capacity of the air purifying respirator or when personal exposure levels are unknown.
EYE PROTECTION:	Safety glasses with side shields are recommended when pouring or applying this product.
SKIN PROTECTION:	Wear chemical resistant gloves when handling this product to avoid prolonged skin contact.
OTHER PROTECTIVE EQUIPMENT:	Barrier cream for sensitive skin.
WORK HYGIENIC PRACTICES:	Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.
EXPOSURE GUIDELINES:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Amber, solvent odor.		
FLASH POINT:	1.4 °F	**LOWER EXPLOSIVE LIMIT:**	1.0%
METHOD USED:	Tag Open Cup	**UPPER EXPLOSIVE LIMIT:**	12.8%
EVAPORATION RATE:	Faster than n-Butyl	**BOILING POINT:**	133 °F

	Acetate		
pH (undiluted product):	No data	**MELTING POINT:**	No data
SOLUBILITY IN	Slight	**SPECIFIC GRAVITY:**	0.85
VAPOR DENSITY:	No data	**PERCENT**	No data
VAPOR	< 125 mm Hg @ 25 °C	**MOLECULAR WEIGHT:**	No data
VOC WITH WATER	199.4 g/L	**DENSITY**	7.08

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE X** **UNSTABLE** ☐

CONDITIONS TO AVOID (STABILITY): Avoid flames, sparks, static electricity or other sources of ignition.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, strong acids and bases.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY

Chemical Name	ORAL LD_{50} (rat)	DERMAL LD_{50} (rabbit)	INHALATION LC_{50} (rat)
Acetone	5800 mg/kg	20000 mg/kg	50100 mg/cub m (8-hr dose)
Methyl Ethyl Ketone	2300 to 3500 mg/kg	> 8000 mg/kg	11700 mg/L (4-hr dose)
Toluene	2600 to 7500 mg/kg	12124 mg/kg	8000 ppm (4-hr dose)
p-Chlorobenzotrifluoride	> 6800 mg/kg	> 2700 mg/kg	4479 ppm (4-hr dose)

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This product contains components that will normally float on water. These components may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment. Contains components that are potentially toxic to freshwater and saltwater ecosystems.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION

PROPER SHIPPING NAME:	Adhesives, 3, UN1133, II
HAZARD CLASS:	3
ID NUMBER:	UN1133
PACKING GROUP:	II
LABEL STATEMENT:	Flammable Liquid
OTHER:	N/A

IATA

PROPER SHIPPING NAME:	Adhesive
HAZARD CLASS:	3
ID NUMBER:	UN1133
PACKING GROUP:	II
LABEL STATEMENT:	N/A
OTHER:	N/A

IMDG

PROPER SHIPPING NAME:	Adhesive
HAZARD CLASS:	3

ID NUMBER:	UN1133
PACKING GROUP:	II
LABEL STATEMENT:	N/A
OTHER:	EMS: FE,SE. Marine Pollutant

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA: This product and its components are listed on the TSCA 8(b) inventory.

CERCLA: CERCLA Hazardous Substances (40 CFR 302)

Reportable Quantity – Components

Acetone: 67-64-1, 5000 lbs.
Methyl Ethyl Ketone: 78-93-3, 5,000 lbs.
Toluene: 108-88-3, 1000 lbs.

SARA

311/312 HAZARD CATEGORIES: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

313 REPORTABLE INGREDIENTS: Methyl Ethyl Ketone 78-93-3, 1 – 5%
Toluene 108-88-3, 1 – 5%

CALIFORNIA PROPOSITION 65: ⚠ WARNING: This product can expose you to chemicals including toluene, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes	Yes
Methyl Ethyl Ketone	78-93-3	Yes	Yes	Yes	Yes	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes
Parachlorobenzotrifluoride (PCBTF)	98-56-6	No	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS:	N/A
DATE OF PREVIOUS SDS:	July 2019
CHANGES SINCE PREVIOUS SDS:	Converted to Siplast SDS.

This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.