Safety Data Sheet
Parasolo TPO Primer

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Parasolo TPO Primer

1.4 Supplier's details

Name	Siplast
Address	14911 Quorum Drive Suite 600 Dallas, TX 75254
Telephone	800-922-8800

1.5 Emergency phone number 800-424-9300 (CHEMTREC)

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 2
- Toxic to reproduction, Cat. 2
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (repeated exposure), Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Aspiration hazard, Cat. 1
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictograms

Signal word **Danger**

Hazard statement(s)

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child [effect, route]

H373	May cause damage to organs [CNS] through prolonged or repeated exposure.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see supplemental first aid instructions on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use a dry chemical fire extinguisher for extinction.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance to local, national, and regional regulations.

2.3 Other hazards which do not result in classification

PRIMARY ROUTE OF EXPOSURE: Eye contact, Skin contact, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

EYES:	This material causes eye irritation.
SKIN:	This material causes skin irritation.
INGESTION:	Harmful or fatal if swallowed. Can enter lungs and cause damage. This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.
INHALATION:	May cause drowsiness or dizziness.
ACUTE HEALTH HAZARDS:	See above.
CHRONIC HEALTH HAZARDS:	No further relevant information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Solvent naphtha (petroleum), light aliph

Concentration	Not specified
EC no.	265-192-2
CAS no.	64742-89-8
Index no.	649-267-00-0

- Carcinogenicity, Cat. 1B
- Germ cell mutagenicity, Cat. 1B
- Aspiration hazard, Cat. 1

H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects [route]
H350	May cause cancer [route]

2. Toluene

Concentration	Not specified
EC no.	203-625-9
CAS no.	108-88-3
Index no.	601-021-00-3

- Flammable liquids, Cat. 2
- Toxic to reproduction, Cat. 2
- Aspiration hazard, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3
- Specific target organ toxicity (repeated exposure), Cat. 2
- Skin corrosion/irritation, Cat. 2

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H361d	
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]

3. XYLENES (MIXED)

Concentration	Not specified
EC no.	215-535-7
CAS no.	1330-20-7
Index no.	601-022-00-9

- Flammable liquids, Cat. 3
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Skin corrosion/irritation, Cat. 2

H226	Flammable liquid and vapor
H312	Harmful in contact with skin
H315	Causes skin irritation

H332	Harmful if inhaled
SCLs/M-factors/ATEs	*

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove to fresh air. If breathing has stopped, give artificial respiration. Call a physician.
In case of skin contact	Remove contaminated clothes. Wash exposed areas with soap and water. If redness or swelling develops, seek medical assistance. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes.
In case of eye contact	Flush eyes immediately with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician.
If swallowed	Rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.

Personal protective equipment for first-aid responders
Symptoms may be delayed.

4.2 Most important symptoms/effects, acute and delayed
No data available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary
No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
CO2, dry chemical powder, and sand. Do not use water.

5.2 Specific hazards arising from the chemical
No further relevant information available.

5.3 Special protective actions for fire-fighters
Self contained breathing apparatus recommended.

Further information
Material is flammable and may be ignited by flames, sparks, heat or other sources of ignition. Do not use a water.. Vapor may cause flash fire. Vapors can flow along surfaces to distant ignition source and flash back. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Eliminate all ignition sources (no smoking, flares, sparks or flames in the immediate area). Extinguish all flames in the vicinity. Dam up area to prevent spreading of material. Use a non-combustible material like vermiculite, sand or

earth to soak up the product and place into a container for later disposal. Cover with plastic sheet to prevent spreading.

6.2 Environmental precautions

Collect spillage. Prevent product from entering drains. Do not allow material to contaminate groundwater system.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid prolonged or repeated contact with skin.
Avoid contact with eyes.
Wash thoroughly after handling.
Open containers in a well ventilated area and avoid breathing headspace vapors.
Prevent formation of aerosols.

Keep container closed when not in use.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

OTHER PRECAUTIONS: Do not eat, drink or smoke when using this product. Always wash hands after handling the product, Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well ventilated area.
Containers of this material may be hazardous when emptied.
Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Toluene (CAS: 108-88-3)
PEL-TWA (Inhalation): 200 ppm (OSHA)
Central nervous system depression, causing fatigue, headache, confusion, paresthesia, dizziness, and muscular incoordination.Irritation of the eyes, mucous membranes, and upper respiratory tract

STEL (Inhalation): 150 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm (375 mg/m3) (NIOSH)
Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 300 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL-Peak (Inhalation): 500 ppm (10 minutes) (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 ppm (37 mg/m3) (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

TLV® (Inhalation): 20 ppm (75 mg/m3) (ACGIH)

Female reproductive system damage and pregnancy loss. Central nervous system impairment and visual impairment

STEL (Inhalation): 150 ppm (560 mg/m3) (NIOSH)
Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 500 ppm Ceiling (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL-ST (Inhalation): 150 ppm (560 mg/m3) - SKIN (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL (Inhalation): See Annotated Z-2 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-2 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-2 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): See Annotated Z-2; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 50 ppm; 191 mg/m3; Australia (AU/SWA)
Other advisory: Sk

STEL (Inhalation): 150 ppm; 574 mg/m3; Australia (AU/SWA)
Other advisory: Sk

2. XYLENES (MIXED) (CAS: 1330-20-7)
PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 435 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 100 ppm, (ST) 150 ppm, (C) 300 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls
Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Safety goggles or safety glasses with side shields.

Skin protection
Wear appropriate impermeable gloves and protective clothing as necessary to prevent skin contact.

Body protection
Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift.

Respiratory protection

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Color	Clear
Odor	Organic solvent odor
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	185F
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	46F
Explosive properties	1.2% - 7.0%
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solubility	Not miscible
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	21.8 mm Hg
Evaporation rate	No data available.
Density and/or relative density	No data available.
Relative vapor density	No data available.

Particle characteristics
VOC (g/L): ≤690 g/L
Specific Gravity: 6.6 lb/gal
Method Used: TCC

Supplemental information regarding physical hazard classes
No data available.

Further safety characteristics (supplemental)
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available.

10.2 Chemical stability
No data available.

10.3 Possibility of hazardous reactions
Will not occur.

10.4 Conditions to avoid

Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, or grind empty containers.

10.5 Incompatible materials
Strong oxidizing agents.

10.6 Hazardous decomposition products
Carbon dioxide, carbon monoxide, and various hydrocarbons.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Acute Oral Toxicity
Toluene – LD50 Rat: 5000 mg/kg
Solvent Naphtha (Petroleum), Light Aliphatic – LD50 Rat: 8,000 mg/kg

Acute Inhalation Toxicity (4 hours)
Toluene – LC50 Rat: 8,000 ppm
Solvent Naphtha (Petroleum), Light Aliphatic – LC50 Rat: 3,400 ppm

Acute Dermal Toxicity
Toluene – LD50 Rabbit: 12,124 mg/kg
Solvent Naphtha (Petroleum), Light Aliphatic – LD50 Rat: 4,000 mg/kg

Carcinogenicity
Not applicable.

SECTION 12: Ecological information

Toxicity
Aquatic toxicity: Expected to be harmful to acquatic organisms.

Persistence and degradability
No further relevant information available.

Other adverse effects
Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose in accordance with all applicable local, state and Federal regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

SECTION 14: Transport information

DOT (US)
UN Number: UN1133
Class: 3
Packing Group: II
Proper Shipping Name: Adhesives, 3, UN1133, II

IMDG
UN Number: UN1133
Class: 3
Packing Group: II
EMS Number: F-E, S-D
Proper Shipping Name: Adhesives mixture, 3, UN1133, II

IATA
UN Number: UN1133
Class: 3
Packing Group: II
Proper Shipping Name: Adhesives mixture, 3, UN1133, II

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Canadian Domestic Substances List (DSL)
Chemical name: Solvent naphtha (petroleum), light aliph.
CAS: 64742-89-8

Massachusetts Right To Know Components
Chemical name: Toluene
CAS number: 108-88-3

New Jersey Right To Know Components
Chemical name: Toluene
CAS number: 108-88-3

California Prop. 65 Components
State of California to cause birth defects or other reproductive harm.
Toluene
CAS-No. 108-88-3

Pennsylvania Right To Know Components
Chemical name: Toluene
CAS number: 108-88-3

Canadian Domestic Substances List (DSL)
Chemical name: Benzene, methyl-
CAS: 108-88-3

Massachusetts Right To Know Components
Chemical name: Toluene
CAS number: 108-88-3

New Jersey Right To Know Components
Chemical name: Toluene
CAS number: 108-88-3

Pennsylvania Right To Know Components
Chemical name: Toluene
CAS number: 108-88-3

California Prop. 65 Components
This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
Chemical name: Toluene
CAS number: 108-88-3

California Prop. 65 components
Chemical name: Toluene
CAS number: 108-88-3
01/01/1991 - Developmental toxicity
08/07/2009 - Female reproductive toxicity (de-listed 03/07/2014)
01/01/1991 - developmental
08/07/2009 - female

Massachusetts Right To Know Components
Chemical name: Xylene (mixed isomers)
CAS number: 1330-20-7

New Jersey Right To Know Components
Common name: XYLENES
CAS number: 1330-20-7

Pennsylvania Right To Know Components
Chemical name: Benzene, dimethyl-
CAS number: 1330-20-7

Canadian Domestic Substances List (DSL)
Chemical name: Benzene, dimethyl-
CAS: 1330-20-7

HMIS Rating

Parasolo TPO Primer	
HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA Rating

SECTION 16: Other information

ADDITIONAL COMMENTS: None.
DATE OF PREVIOUS SDS: April 2023
CHANGES SINCE PREVIOUS SDS: Section 2 updates.

16.1 Further information/disclaimer

This information relates to the specific material designated and may not be valid for such material used in 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.