



# Safety Data Sheet

## Parasolo TPO Low VOC Primer

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### SECTION 1: Identification

#### 1.1 GHS Product identifier

Product name Parasolo TPO Low VOC 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)

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### 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
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 2
- Aspiration hazard, Cat. 1
- Toxic to reproduction, 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  
H319 Causes serious eye irritation  
H361 Suspected of damaging fertility or the unborn child  
H371 May cause damage to organs [CNS]

##### Precautionary statement(s)

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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.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.
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.
P337+P313	IF eye irritation persists: 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+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, national, and regional regulations.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. 4-CHLORO-ALPHA,ALPHA,ALPHA-TRIFLUOROTOLUENE

Concentration	50 - 100 % (weight)
EC no.	202-681-1
CAS no.	98-56-6

##### 2. Toluene

Concentration	10 - 25 % (weight)
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

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- 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

### 3. Isobutylene Copolymer

Concentration	2.5 % (weight)
CAS no.	N/A

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled	Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.
In case of skin contact	Wash with soap and water. Get medical attention if irritation persists.
In case of eye contact	Flush with large amounts of water, frequently flushing under the lids. Seek medical attention.
If swallowed	Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a doctor immediately.

Personal protective equipment for first-aid responders  
No further relevant information available.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Foam, dry chemical or carbon dioxide. Water may be ineffective, but water should be used to keep fire exposed containers cool.

### 5.2 Specific hazards arising from the chemical

Carbon dioxide, carbon monoxide and various hydrocarbons

### 5.3 Special protective actions for fire-fighters

Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes or vapors may be produced.

### Further information

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Unusual Fire & Explosion Hazards: This product is volatile and gives off vapors. Either the liquid or vapor may settle in low areas or travel along the ground or surface to ignition sources where they may ignite or explode. Overheated drums will explode. High vapor concentrations have an anesthetic effect.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel.

#### 6.3 Methods and materials for containment and cleaning up

Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned. Do not smoke.

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### 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](http://www.osha.gov)

REL (Inhalation): 100 ppm (375 mg/m<sup>3</sup>) (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](http://www.osha.gov)

PEL-Peak (Inhalation): 500 ppm (10 minutes) (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TWA (Inhalation): 10 ppm (37 mg/m<sup>3</sup>) (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/m<sup>3</sup>) (ACGIH)

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

STEL (Inhalation): 150 ppm (560 mg/m<sup>3</sup>) (NIOSH)

Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 500 ppm Ceiling (Cal/OSHA)

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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/m<sup>3</sup>) - 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/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): See Annotated Z-2 (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): See Annotated Z-2 (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): See Annotated Z-2; USA (ACGIH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TWA (Inhalation): 50 ppm; 191 mg/m<sup>3</sup>; Australia (AU/SWA)

Other advisory: Sk

STEL (Inhalation): 150 ppm; 574 mg/m<sup>3</sup>; Australia (AU/SWA)

Other advisory: Sk

### 8.2 Appropriate engineering controls

General exhaust as needed to keep work environment below exposure limits if engineering or administrative controls are not adequate.

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

#### Eye/face protection

Safety glasses with side shields or goggles.

#### Skin protection

Chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

#### Respiratory protection

For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain work environment below solvent TLV recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Appearance	Translucent liquid
Color	Translucent
Odor	Aromatic odor
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	111C
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.

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Flash point	45F
Explosive properties	No data available.
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	Insoluble
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	22 mm Hg @68F
Evaporation rate	No data available.
Density and/or relative density	No data available.
Relative vapor density	>1

### Particle characteristics

VOC with Water (g/L): ≤250 g/L  
Percent Volatile: 90%  
Specific Gravity: 1.15-1.25

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## SECTION 10: Stability and reactivity

### 10.2 Chemical stability

Avoid flames, sparks, or other sources of ignition.

### 10.3 Possibility of hazardous reactions

Will not occur.

### 10.5 Incompatible materials

Avoid contact with acids, alkaline and strong oxidizing agents.

### 10.6 Hazardous decomposition products

Carbon dioxide, carbon monoxide, fluorine gas, chlorine gas, acrid smoke and irritating fumes.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Skin corrosion/irritation

108-88-3 Toluene  
Oral LD50 5,000 mg/kg (rat)  
Dermal LD50 12,124 mg/kg (rabbit)  
Inhalative LC50/4 h 5,320 mg/l (mouse)

On the skin: Skin irritant.

Sensitization: No sensitizing effects known.

#### Serious eye damage/irritation

108-88-3 Toluene  
Oral LD50 5,000 mg/kg (rat)  
Dermal LD50 12,124 mg/kg (rabbit)  
Inhalative LC50/4 h 5,320 mg/l (mouse)

On the eye: Irritating effect.

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Vapors may be irritating to the eyes.

### Additional information

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

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## SECTION 12: Ecological information

### Toxicity

No data available.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

No data available.

### Endocrine disrupting properties

No data available.

### Other adverse effects

No data available.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Follow all federal, state and local regulations.

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## SECTION 14: Transport information

### DOT (US)

UN Number: UN1133

Class: 3

Packing Group: II

Proper Shipping Name: Adhesives

Label Statement: N/A

### IMDG

UN Number: UN1133

Class: 3

Packing Group: II

Proper Shipping Name: Adhesive

Label Statement: N/A

Other: EMS: FE,SE

### IATA

UN Number: UN1133

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## Parasolo TPO Low VOC Primer

Class: 3  
Packing Group: II  
Proper Shipping Name: Adhesive  
Label Statement: N/A  
Other: N/A

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### SECTION 15: Regulatory information

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

##### **Canadian Domestic Substances List (DSL)**

Chemical name: Benzene, 1-chloro-4-(trifluoromethyl)-  
CAS: 98-56-6

##### **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

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### 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)

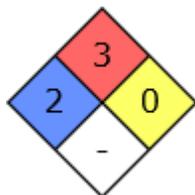
01/01/1991 - developmental

08/07/2009 - female

### HMIS Rating

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

### NFPA Rating



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## SECTION 16: Other information

**ADDITIONAL COMMENTS:** None.  
**DATE OF PREVIOUS SDS:** March 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 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.