SAFETY DATA SHEET
Siplast PA-917 Primer

1. Identification

Product identifier	Siplast PA-917 Primer
Other means of identification
Recommended use
Recommended restrictions
None.
Not available.
None known.

Manufacturer/Importer/Supplier/Distributor information

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Siplast</td>
<td>1111 Highway 67 South</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>After hours telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Normal work hours telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-800-922-8800</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://www.siplast.com">www.siplast.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emergency 24-hour telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Information on operation hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. to 5:00 p.m.</td>
</tr>
</tbody>
</table>

2. Hazard(s) identification

Physical hazards	Flammable liquids Skin |
Health hazards
corrosion/irritation |
Germ cell mutagenicity |
Carcinogenicity |
Reproductive toxicity |
Specific target organ toxicity, single exposure |

Environmental hazards
Not classified.

OSHA defined hazards
Not classified.

<table>
<thead>
<tr>
<th>Label elements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signal word</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely flammable liquid and vapor. May cause genetic defects. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. Causes skin irritation. May cause cancer.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Precautionary statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention</td>
</tr>
<tr>
<td>Ground and bond container and receiving equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. 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.</td>
</tr>
</tbody>
</table>
Response

IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/doctor if you feel unwell. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use appropriate media for extinction. Specific treatment see Section 4 of this SDS. IF skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF exposed or concerned: Get medical advice/attention.

Storage

Keep container tightly closed. Keep cool. Store in a well-ventilated place. Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPHALT, OXIDIZED</td>
<td></td>
<td>64742-93-4</td>
<td>35 - 70</td>
</tr>
<tr>
<td>PROPRIETARY INGREDIENTS</td>
<td></td>
<td>N/A</td>
<td>30 - 65</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention if symptoms occur.

Skin contact

Remove contaminated clothing. Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Aspiration may cause pulmonary edema and pneumonitis. If ingestion of a large amount does occur, call a poison control center immediately. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Most important symptoms/effects, acute and delayed


Indication of immediate medical attention and special treatment needed

In case of shortness of breath, give oxygen. Symptoms may be delayed.

General information

IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Dry powder. Carbon dioxide (CO2). Alcohol resistant foam.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases. Extremely flammable liquid and vapor.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.
In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue. Water runoff can cause environmental damage.

Specific methods
In the event of fire, cool tanks with water spray. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Remove sources of ignition. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up
Dike far ahead of spill for later disposal. Cover with DRY earth, DRY sand, or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain. Collect spillage.

Environmental precautions
Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

7. Handling and storage
Precautions for safe handling
Handle empty containers with care because of residual vapors are flammable. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. All equipment used when handling the product must be grounded. Do not breathe dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash thoroughly after handling. Do not empty into drains.

The pressure in sealed containers can increase under the influence of heat. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Keep container tightly closed. Use care in handling/storage. Store in a cool dry place. Keep containers closed when not in use.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>U.S. - NIOSH Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPHALT, OXIDIZED (CAS 64742-93-4)</td>
<td>REL</td>
<td>5 mg/m3</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection
Chemical goggles are recommended.

Skin protection
Hand protection
Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Other
Wear appropriate chemical resistant clothing. Chemical resistant gloves.

Respiratory protection
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using do not smoke. When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance
Brown to black in color.
**Physical state**
Solid.

**Form**
Liquid.

**Color**
Dark brown Black.

**Odor**
Hydrocarbon-like.

**Odor threshold**
Not available.

**pH**
Not available.

**Melting point/freezing point**
Not available.

**Initial boiling point and boiling range**
100 °F (37.78 °C)

**Flash point**
70.0 - 90.0 °F (21.1 - 32.2 °C) Tag Open Cup

**Evaporation rate**
Not available.

**Flammability (solid, gas)**
Not available.

**Upper/lower flammability or explosive limits**

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Flammability limit - lower (%)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability limit - upper (%)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Explosive limit - lower (%)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Explosive limit - upper (%)</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**Vapor pressure**
5 mm Hg at 100°F

**Vapor density**
> 4

**Relative density**
Not available.

**Solubility(ies)**

| Solubility (water) | Not available. |

**Partition coefficient (n-octanol/water)**
Not available.

**Auto-ignition temperature**
500 °F (260 °C) estimated

**Decomposition temperature**
Not available.

**Viscosity**
320 cSt

**Viscosity temperature**
77 °F (25 °C)

**Other information**

| Specific gravity | 0.84 - 0.87 |

## 10. Stability and reactivity

**Reactivity**
This product may react with oxidizing agents.

**Chemical stability**
Extremely flammable liquid and vapor.

**Possibility of hazardous reactions**
Hazardous polymerization does not occur.

**Conditions to avoid**
Heat, flames and sparks. Protect against direct sunlight.

**Incompatible materials**

**Hazardous decomposition products**
Irritants. Toxic gas.

## 11. Toxicological information

**Information on likely routes of exposure**

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>May cause drowsiness and dizziness.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Causes skin irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>May be irritating to eyes.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.</td>
</tr>
</tbody>
</table>
Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity Not classified.
Skin corrosion/irritation Defatting, drying and cracking of skin. Causes skin irritation.
Serious eye damage/eye irritation May be irritating to eyes.

Respiratory or skin sensitization
Respiratory sensitization Not available.
Skin sensitization Not available.
Germ cell mutagenicity May cause genetic defects.
Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity
ASPHALT, OXIDIZED (CAS 64742-93-4) 2A Probably carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

Reproductive toxicity Suspected of damaging fertility or the unborn child.
Specific target organ toxicity May cause drowsiness and dizziness.
Specific target organ toxicity - single exposure Not available.
Specific target organ toxicity - repeated exposure Not available.
Aspiration hazard Not available.
Chronic effects Not expected to be hazardous by OSHA criteria.
Further information Symptoms may be delayed.

12. Ecological information

Ecotoxicity Components of this product are hazardous to aquatic life. Accumulation in aquatic organisms is expected. Toxic to aquatic life with long lasting effects.

Persistence and degradability Not available.
Bioaccumulative potential Not available.
Mobility in soil Not available.
Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Dispose of this material and its container to hazardous or special waste collection point. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F
Waste from residues / unused products Dispose of in accordance with local regulations.
Contaminated packaging Offer rinsed packaging material to local recycling facilities.

14. Transport information

DOT
UN number UN1999
UN proper shipping name Tars, liquid including road oils and cut back bitumens
Transport hazard class(es)
  Class 3
  Subsidiary risk -
  Label(s) 3
  Packing group II
Special precautions for user: Not available.
Special provisions: 149, B13, IB2, T3, TP3, TP29
Packaging exceptions: 150
Packaging non bulk: 202
Packaging bulk: 242

**IATA**
- **UN number**: UN1999
- **UN proper shipping name**: Tars, liquid including road asphalt and oils, bitumen and cut backs
- **Transport hazard class(es)**:
  - **Class**: 3
  - **Subsidiary risk**: -
  - **Packing group**: II
  - **Environmental hazards**: No.
  - **ERG Code**: 3L
  - **Special precautions for user**: Not available.

**Other information**
- **Passenger and cargo aircraft**: Allowed with restrictions.
- **Cargo aircraft only**: Allowed with restrictions.

**IMDG**
- **UN number**: UN1999
- **UN proper shipping name**: TARS, LIQUID including road oils, and cutback bitumens
- **Transport hazard class(es)**:
  - **Class**: 3
  - **Subsidiary risk**: -
  - **Packing group**: II
  - **Environmental hazards**: No.
  - **Marine pollutant**: No.
  - **EmS**: F-E, S-E
  - **Special precautions for user**: Not available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not available.

**DOT**

**IATA; IMDG**
15. Regulatory information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
SARA 302 Extremely hazardous substance
Not listed.

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
WARNING: This product contains a chemical known to the State of California to cause cancer.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 06-24-2019
Version # 01
Further information HMIS® is a registered trade and service mark of the NPCA.
NFPA ratings
Health: 2
Flammability: 3
Instability: 0
References

ACGIH
EPA: AQUIRE database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.