

## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION

Product Identifier : **ARDEX PANDOMO® SL**  
Product Code Number : 16146880  
Chemical Description : Mixture  
Trade Name/Synonyms : Stone Oil  
Material Use : Wax penetrant for PANDOMO surfaces.  
Uses Advised Against : No information available.  
**Manufacturer's name and address:** **Supplier's name and address**  
Same as manufacturer.



ARDEX Engineered Cements  
400 Ardex Park Dr.  
Aliquippa, PA 15001 USA  
Information Telephone No. : (724) 203-5000  
Website Address : <http://www.ardexamericas.com>  
24 Hr Emergency Telephone # : **CHEM-TEL: 1-800-255-3924 OR 1-813-248-0585 (call collect)**

### SECTION 2 – HAZARDS IDENTIFICATION

**GHS Classification per 29 CFR 1910.1200 (OSHA HCS 2012) and HPR (WHMIS 2015)**  
: Flammable Liquids, Category 4 (Combustible liquid)  
Skin Corrosion/Irritation, Category 2  
Aspiration Hazard, Category 1  
Specific Target Organ Toxicity, Single Exposure, Narcotic effects

**GHS Pictograms** :



**Signal Word** : Danger  
**Hazard Statements** : Combustible liquid.  
Causes skin irritation.  
May be fatal if swallowed and enters airways.  
May cause drowsiness or dizziness.

**Precautionary Statements** : Keep away from heat/sparks/open flames/hot surfaces. — No smoking. In case of fire: Use fire extinguishers suitable for Classes B, C, or E for extinction. Avoid breathing dust/gas/vapours. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection. Wash hands and exposed skin thoroughly after handling. Take off contaminated clothing. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool. Dispose of contents / container in accordance with federal, state, and local laws. Do not allow product to enter drains.

**Hazards Not Otherwise Specified** : None.

**% Unknown acute toxicity** : 35% of this product consists of ingredients with unknown acute toxicity.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (by weight)
Hydrotreated light petroleum distillate	64742-47-8	30 - 60

Exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.

## SECTION 4 – FIRST AID MEASURES

- General** : IF exposed or concerned: Get medical advice/attention.
- Inhalation** : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
- Skin contact** : IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with soap and water/shower. IF SKIN irritation or rash occurs: get medical advice/attention.
- Eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- Ingestion** : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
- Notes for Physician** : Treat symptomatically.

### Signs and symptoms of short-term (acute) exposure

- Inhalation* : Symptoms may include coughing, shortness of breath, and wheezing. Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood).
- Skin* : Direct skin contact may cause redness and itching. The product may be absorbed through the skin, with symptoms identical to those of inhalation.
- Eyes* : May cause slight eye irritation, with redness and tearing.
- Ingestion* : Aspiration hazard. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.

### Effects of long-term (chronic) exposure

- : Prolonged inhalation may cause adverse lung effects with symptoms including coughing and shortness of breath, as well as nausea, dizziness, and headache.

### Indication of need for immediate medical attention or special treatment

- : Difficulty breathing persists after removing the person to fresh air.  
Any exposure to the eye which causes irritation.  
Blue color of the skin (cyanotic) after exposure.  
Ingestion.

## SECTION 5 – FIRE FIGHTING MEASURES

- Suitable extinguishing media** : Water spray, dry chemical, carbon dioxide, foam. Fight larger fires with water spray or alcohol resistant foam.
- Unsuitable extinguishing media** : High pressure water jet may spread the fire.
- Hazardous combustion products** : Carbon monoxide carbon dioxide, and/or low molecular weight hydrocarbons and amines
- Fire hazards/conditions of flammability** : Material is classified as a Combustible liquid. Flash Point = > 61°C (142°F). Keep away from heat/open flames/hot surfaces. — No smoking.
- Special fire-fighting procedures/equipment** : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. After fires have been extinguished, carefully clean all equipment and surfaces exposed to fumes.
- Flammability classification (OSHA 29 CFR 1910.1200, WHMIS 2015)** : Flammable Liquids, Category 4 (Combustible liquid)

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions** : See Section 7 for safe handling procedures. Wear chemically resistant personal protective equipment during cleanup. Restrict access to area until completion of clean-up. All persons dealing with clean-up must be properly trained and wear the appropriate chemically protective equipment. Refer to Section 8 on this Safety Data Sheet, EXPOSURE CONTROLS / PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.
- Environmental precautions** : Do not allow product to enter waterways. Do not allow material to contaminate ground water system.
- Spill response / clean-up** : Ventilate area of release. Stop spill or leak at source if safely possible. Turn off all possible ignition sources. Contain product with inert absorbent material, preventing it from entering sewer lines or waterways. Gather up spilled material and place in suitable container for later disposal (see Section 13). Notify the appropriate authorities as required.
- Prohibited materials** : Avoid strong oxidizing agents.
- Special spill response procedures** : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002). Outside of the U.S. call the emergency number listed in Section 1. US CERCLA Reportable quantity (RQ): None reported.

## SECTION 7 – HANDLING AND STORAGE

- Safe handling procedures** : Do not get into eyes, on skin or on clothing. Avoid breathing vapor. Do not swallow. Observe good hygiene standards. Do not eat, drink or smoke in the work area. Keep away from heat/open flames/hot surfaces. — No smoking. Wash thoroughly after handling. Wear protective clothing to prevent skin contact. Promptly remove any clothing that becomes contaminated. Clean contaminated clothing before reuse. Keep container tightly closed. Use only with adequate ventilation.
- Storage requirements** : Store in a cool, dry, well-ventilated area. Store away from heat and open flame. Avoid storing in direct sunlight. Store in original container. Keep tightly closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning.
- Incompatible materials** : See Section 10.
- Special packaging materials** : Always keep in containers made of the same materials as the supply container.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Permissible exposure levels**

Ingredients	CAS #	ACGIH TLV		OSHA PEL	
		TLV	STEL	PEL	STEL
Hydrotreated light petroleum distillate	64742-47-8	200 mg/m <sup>3</sup>	N/Av	500 mg/m <sup>3</sup>	N/Av

- Ventilation and engineering measures:** Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.
- Respiratory protection** : If work process generates excessive quantities of vapor or dust, or exposures in excess of any PEL, wear an appropriate organic vapor respirator.
- Hand protection** : Wear impervious gloves. Materials such as nitrile rubber or Viton (fluorocarbon rubber) are recommended. Refer to glove manufacturer for breakthrough time for the chemicals in this product. (See Section 3.)
- Body protection** : Wear chemical resistant protective clothing. Where extensive exposure to product is possible, use resistant coveralls, apron, and boots to prevent contact.
- Eye / face protection** : Chemical goggles must be worn when using this product. A face shield is recommended if splashing is possible.

- Other protective equipment** : An eyewash station and safety shower should be made available in the immediate working area.
- General hygiene considerations** : Avoid contact with eyes, skin and clothing. Do not breathe vapors/dust. Do not eat, drink or smoke when using this product. Clean all equipment and clothing at end of each work shift.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- |  |  |  |                      |
|--|--|--|----------------------|
| <b>Physical state</b>  | : Liquid   | <b>Appearance</b>                            | : Light brown liquid |
| <b>Odor</b>  | : Faint  | <b>Odor threshold</b>                        | : N/Av               |
| <b>pH</b>  | : N/Av   | <b>Specific gravity</b>                      | : 1.0                |
| <b>Boiling point</b>   | : N/Av   | <b>Coefficient of water/oil distribution</b> | : N/Av               |
| <b>Melting/Freezing point</b>  | : N/Av   | <b>Solubility in water</b>                   | : Not soluble        |
| <b>Vapor pressure (mm Hg @ 20°C / 68°F)</b>                                | : N/Av   |  |                      |
| <b>Evaporation rate (n-Butyl acetate = 1)</b>                              | : N/Av   | <b>Viscosity</b>                             | : N/Av               |
| <b>Vapor density (Air = 1)</b>   | : N/Av   | <b>Volatiles (% by weight)</b>               | : N/Av               |
| <b>Volatile organic compounds (VOCs)</b>                                   | : 440 g/L, SCAQMD  |  |                      |
| <b>Flammability classification (OSHA 29 CFR 1910.1200)</b>                 | : Flammable liquid, Category 4 (Combustible)                   |  |                      |
| <b>Flash point</b>   | : > 61°C (142°F)   | <b>Lower flammable limit (% by vol)</b>      | : 0.6%               |
| <b>Flash point method</b>  | : Setaflash closed cup   | <b>Upper flammable limit (% by vol)</b>      | : 6%                 |
| <b>Auto-ignition temperature</b>   | : N/Av   | <b>Oxidizing properties</b>                  | : None               |
| <b>Flame projection length</b>   | : Not available  | <b>Flashback observed</b>                    | : Not available      |
| <b>Explosion data: Sensitivity to mechanical impact / static discharge</b> | : Not expected to be sensitive to mechanical impact or static. |  |                      |

## SECTION 10 – REACTIVITY AND STABILITY INFORMATION

- Reactivity** : Not reactive.
- Stability** : Stable under the recommended storage and handling conditions prescribed.
- Hazardous polymerization** : Hazardous polymerization does not occur.
- Conditions to avoid** : Avoid prolonged exposure to heat. Keep away from heat/open flames/hot surfaces. — No smoking.
- Materials to avoid and incompatibility** : Oxidizing agents.
- Hazardous decomposition products** : Refer to hazardous combustion products in Section 5.

## SECTION 11 – TOXICOLOGICAL INFORMATION

- Routes of Exposure** : *Inhalation*: YES    *Skin Absorption*: YES    *Skin and Eyes*: Yes    *Ingestion*: YES
- Symptoms of exposure** : See Section 4.
- Calculated Acute Toxicity Estimates for the Product**
- Inhalation* : N/Av
- Oral* : N/Av
- Dermal* : N/Av
- Toxicological data** : See below for individual ingredient acute toxicity data.

Ingredients	CAS No.	LC50 (4 hr), mg/L	LD50, mg/kg	
		Inhalation, rat	Oral, rat	Dermal, rabbit
Hydrotreated light petroleum distillate	64742-47-8	N/Av	N/Av	N/Av

- Repeated Dose Effects** : Contains components which may be absorbed through the skin in harmful amounts, especially after repeated or prolonged exposure.
- Carcinogenic status** : Hydrotreated light petroleum distillate has been classified as IARC Group 3 - Not classifiable as to its carcinogenicity to humans. No components are listed as carcinogens by IARC, OSHA, NIOSH or NTP.
- Reproductive effects** : None known.
- Teratogenicity** : None known.
- Mutagenicity** : None known.
- Epidemiology** : Not available.
- Target Organ Effects** : None known.
- Sensitization to material** : Does not contain skin or respiratory sensitizers.
- Synergistic materials** : N/Av
- Irritancy/Corrosivity** : Skin irritant.
- Other important hazards** : See hazards listed in Section 2.

**SECTION 12 – ECOLOGICAL INFORMATION**

- Environmental effects** : The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
- Ecotoxicological** : No data is available on the product itself.
- Ecotoxicity** : No data available.
- Biodegradability** : No data available.
- Bioaccumulative potential** : No data available.
- Mobility in soil** : No data available.
- PBT and vPvB assessment** : No data available.
- Other adverse effects** : No data available.

**SECTION 13 – DISPOSAL CONSIDERATION**

- Handling for disposal** : Handle waste according to recommendations in Section 7.
- Methods of disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- Disposal Information** : Waste must be handled in accordance with all local regulations. In case of large spills, follow all facility Emergency Response Procedures. Do not allow this material into sewers/water supplies. Do not reuse containers. Dispose of container and any unused contents in accordance with local regulations.
- RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14 – TRANSPORTATION INFORMATION**

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
<b>TDG</b>	<b>None</b>	This product is not regulated according to Canadian TDG regulations.	<b>None</b>	<b>None</b>	<b>None</b>
<b>TDG Additional Information</b>	<b>None</b>				
<b>49 CFR/DOT</b>	<b>None</b>	This product is not regulated according to US DOT regulations.	<b>None</b>	<b>None</b>	<b>None</b>
<b>49 CFR/DOT Additional Information</b>	<b>None</b>				

## SECTION 15 – REGULATORY INFORMATION

**Canadian Information:**

This product has been classified according to the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all of the information required by the HPR.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on either the Domestic Substances List (DSL) or the Non- Domestic Substances List (NDSL).

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes:  
Immediate (Acute) Health Hazard  
Fire Hazard.

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material contains 2,2-Bis(4-hydroxyphenyl)propane [CAS# 80-05-7].

**U.S. State Right To Know Laws**

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer and/or reproductive effects.

**Other State Right to Know Laws:**

Component	CAS	CA	MA	MN	NJ	NY	PA	RI
Hydrotreated light petroleum distillate	64742-47-8	No	No	No	No	No	No	No

## SECTION 16 – OTHER INFORMATION

**Legend**

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- DSL: Domestic Substances List
- EPA: Environmental Protection Agency
- GHS: Globally Harmonized System
- HPR: Hazardous Products Regulations
- IARC: International Agency for Research on Cancer
- Inh: Inhalation
- N/Av: Not Available
- N/Ap: Not Applicable
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- RCRA: Resource Conservation and Recovery Act
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TSCA: Toxic Substance Control Act

TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Identification System

HMIS Rating : \* - Chronic Hazard 0 - Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Severe  
*Health: 2 Flammability 2 Physical Hazard 0 PPE:*

Recommended PPE: Gloves, safety glasses with side shields, protective clothing

#### **Disclaimer of Liability**

The Information presented herein is supplied as a guide to those who handle or use this product and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive. The manner and conditions of use and handling may involve other and additional considerations. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product. No warranty of any kind is given or implied. ARDEX Engineered Cements will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein.

**Prepared By:**  
ARDEX Engineered Cements  
400 Ardex Park Drive  
Aliquippa, PA, U.S.A.  
15001

(724) 203-5000  
Visit our Website: <http://www.ardexamericas.com>

**Revision date:** : 27-Aug-2016

**End of Document**