

SECTION I. IDENTIFICATION OF THE HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE AND THE SUPPLIER OR MANUFACTURER.

Name of the hazardous chemical or mixture: Repersil S.

Other means of identification: Water-repellent.

Recommended Use of the product: This product is used to penetrate inside the pores producing water repellency.

Use Restrictions: Do not use this product on hot surfaces or near flames.

Name of the manufacturer or distributor: Productos Pennsylvania S.A. de C.V.

Address: Camino a San José No. 1, Fracc. San Pablo Tecnológico, Querétaro, Qro. C.P. 76150

Emergency telephone: (442) 217 3232, (442) 217 3839, Setiq (800) 00 24 00, www.pennsylvania.com.mx

SECTION II. HAZARDS IDENTIFICATION.

This product is classified in accordance with NOM-018-STPS-2015 Globally Harmonized System of Classification and Labeling of Chemical Products (GHS).

Classification of dangerous chemicals: Flammable liquids category 3.

Sign elements, including precautionary statements and precautionary pictograms:

Health hazards:

P303+P312+P332 Harmful if swallowed, in contact with skin.

Physical Hazards:

H226 Flammable liquid and vapor.

Signal word: DANGER.

Pictograms:



Danger indications:

P303+P312+P332 Harmful if swallowed, in contact with skin.

Precautionary statements:

P210 Keep away from heat, sparks, flames, hot surfaces and other ignition sources. No Smoking.

P264 Wash hands, forearms and other exposed areas.

P233 Keep in a tightly closed container.

P243 Take precautionary measures against electrostatic discharge.

P280 Wear gloves/protective clothing/face/eye protection.

P370+P378 In case of fire, use chemical powder, alcohol-resistant foam and CO2 for extinguishing.

P301+P304+P312 In case of ingestion or inhalation, call a Poison Center or doctor if the person feels unwell.

P403+P235 Store in a well-ventilated place. Keep in a cool place.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

P332+P313 In case of skin irritation, consult a doctor.



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P304+P340 In case of inhalation, transport the person to fresh air and keep them in a position that allows them to breathe.

P301+P330+P331 If swallowed, rinse mouth. Do not induce vomiting.

P305+P351+P338 In case of contact with eyes: Rinse carefully with water for several minutes. Remove contact lenses when they are present and you can do so easily. Continue with washing.

P303+P361+P353 In case of contact with skin or hair, immediately remove all contaminated clothing. Rinse skin with water or shower.

Other dangers: Do not leave within the reach of children.

SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance: Mixture formed by the substances specified below with non-hazardous additions.

Component	CAS No.	UN No.	%
Silres	ND.	ND	1 - 2
Varsol	ND.	ND	75 - 85
Rest of the formula considered secret.	ND.	ND	20 - 25

SECTION IV. FIRST AID MEASURES.

First aid description:

Inhalation: In case of discomfort, move person to a ventilated area with fresh air.

Ingestion: Do not induce vomiting, if you experience major discomfort consult a doctor, taking this safety sheet or the original container with you. Allow the person to drink plenty of water in small sips, but only if they are conscious. Draw attention to the possible formation of ethanol.

Skin Contact: If irritation occurs, wash with soap solution. If symptoms are persistent, consult your doctor.

Eye contact: Immediately keep eyelids open and wash eyes with plenty of water for 15 minutes. If discomfort persists, consult your doctor.

Antidote (if available) or information for the emergency physician: Methanol (CAS No. 67-56-1) is absorbed very well and rapidly by routes of exposure and is toxic by any of them. Methanol can irritate the mucous membranes, produce nausea, vomiting, vertigo, vision disorders and even blindness, acidosis and cramps.

The effects may not appear immediately after exposure.

Other existing health risks: ND.

SECTION V. FIRE-FIGHTING MEASURES.

Suitable extinguishing media: Foam, carbon dioxide (CO₂), ABC dry powder.



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Personal protective equipment for firefighting: In the initial phase, no PPE, in phase two or free combustion, use structural firefighter equipment.

Procedure and special precautions during firefighting: Direct the extinguishing agent at the base of the fire at an initial distance of 3 meters, following the internal procedures of the fire brigade.

Combustion products that are harmful to health: Carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide and incomplete burning of hydrocarbon.

Conditions leading to another special hazard: None.

SECTION VI. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILL OR ACCIDENTAL RELEASE.

Special procedures and precautions required in cases of leaks or spills: Prevent it from entering water, wastewater and soil. Contain spilled liquid with appropriate material (for example, earth).

Retain contaminated water and/or water used for extinguishing fires, Disposal in labeled containers as prescribed. Do not remove with water. In small quantities: Collect with absorbent material (e.g. kieselgul) and dispose of appropriately. Large quantities of product should be enclosed in dikes and transferred to suitable containers. Remove any residual sediment that may be released with a cleaning/soap product or other cleaning product. They will be made available to Federal, State and/or Local laws.

Environmental precautions: NA.

Mitigation methods to control the substance: To prevent sticking, sprinkle the surface with sand or podzol and remove the material mechanically. Collect or scrape up the spilled material and place it in a special container for chemical waste. Remove any residual sediment that may be released with a cleaning/soap product or other biodegradable cleaning product. To improve workability, add sand or other inert and granular material.

SECTION VII. HANDLING AND STORAGE.

Precautions to be taken for safe handling: The premises and workplaces must have good ventilation. Keep away from incompatible substances. Safely prevent penetration into the ground. Protect from humidity. Always keep in the original container. Keep the container tightly closed in a cool, well-ventilated place.

For secure storage, including any incompatibility: None.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

Control parameters:

Appropriate technical controls: None.

Personal protective equipment: Use respiratory protection mask with prolonged exposure.



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Suggested.



SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Transparent liquid.

Color: Transparent.

Odor: Weak.

Boiling temperature: >190°C.

Melting temperature: ND.

Ignition temperature: 42°C.

Autoignition temperature: >280°C.

Density: 0.750 -0820 g/ml.

Molecular weight: ND.

pH: NA.

Evaporation rate: ND.

Solubility in water: Insoluble.

Vapor pressure: <50hPA at 20°C.

% volatility: ND.

Flammable limits: ND.

Sup: ND.

Inf: ND.

VOC (g/L): 650

SECTION X. STABILITY AND REACTIVITY DATA.

The product is considered: Stable.

Incompatible materials: Alkaline, acidic or strong oxidizing substances.

Spontaneous polymerization: Can not happen.

Conditions to Avoid: Humidity.

Hazardous Decomposition Products: Methanol. Above 150°C, small amounts of formaldehyde are released due to oxidation.

SECTION XI. TOXICOLOGICAL INFORMATION.

Information on probable routes of entry: NA.

Symptoms related to physical, chemical and toxicological characteristics: NA.



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Immediate and delayed effects, as well as chronic effects from short- or long-term exposure: Probable skin irritation.

Acute toxicity: None.

Interactive effects: ND.

Other information: None.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: ND.

Persistence and degradability: ND.

Bioaccumulative potential: Bioaccumulation unlikely.

Mobility on soil: ND.

Other side effects: None documented.

SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

This product, once cured, does not represent a risk and can be disposed of as urban solids.

It is recommended to check if any special handling is indicated in local legislation.

SECTION XIV. TRANSPORT INFORMATION.

It is not a dangerous material.

Matters relating to transportation by general land communication routes and their related auxiliary services, in relation to the Regulation for the Land Transportation of Hazardous Materials and Waste, of the Ministry of Communications and Transportation applied to each country.

1. UN number:	ND.
2. UN Proper shipping name:	ND.
3. Transport hazard class:	ND.
4. Packing group:	ND.
5. Environmental risks:	ND.
6. Special precautions for use:	ND.
7. Measures for bulk transport:	ND.

SECTION XV. REGULATORY INFORMATION.

None additional.



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SECTION XVI. OTHER RELEVANT INFORMATION.

The information is believed to be correct, but is not exhaustive and will be used solely as a guide, which is based on current knowledge of the product and is applicable to appropriate safety precautions for the product.