

1 Identification of substance

Product details

Trade name: Pieri Euro-Tard 05™

MSDS ID Number: D-06449

Replaces MSDS ID Number: D-06147

Manufacturer/Supplier:

W.R. Grace & Co. -Conn.
62 Whittemore Avenue
Cambridge, MA 02140 USA

Grace Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

www.graceconstruction.com

Information department:

Environmental Health & Safety
USA: 1-617-876-1400 (24 hours)
1-800-354-5414 (8AM - 5PM)

CAN: 1-905-683-8561 (24 hours)

Transport Emergency: Chemtrec 1-800-424-9300 (24 hours)

2 Composition/Data on components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous components:			
64742-49-0	Naphtha (petroleum), hydrotreated light	Xn, F; R 11-52/53-65	20-30%
61791-53-5	N-oleylpropylene diamine dioleate	C, Xn, N; R 21/22-34-51/53	2.0-5.0%
112945-52-5	Silicon dioxide, amorphous	Xi; R 36/37/38	1.0-2.0%
8006-54-0	Lanolin	Xi; R 36	2.0-5.0%
64742-89-8	Solvent naphtha (petroleum), light aliphatic	Xn, F; R 11-65-67	10-20%

Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

Hazard description:

Xn Harmful

F Highly flammable

N Dangerous for the environment

Information pertaining to particular dangers for man and environment:

Review information in this MSDS and product label prior to use.

Highly flammable.

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Harmful by inhalation.

Irritating to eyes, respiratory system and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Harmful: may cause lung damage if swallowed.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)

Health = 2

Fire = 3

Reactivity = 0

HMS-ratings (scale 0 - 4)

Health = *2

Fire = 3

Reactivity = 0

4 First aid measures**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

If symptoms develop, supply fresh air. If required, provide artificial respiration and seek immediate medical treatment.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

After swallowing: Do not induce vomiting; immediately call for medical help.

5 Fire fighting measures

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

Additional information

Cool endangered receptacles with water spray.

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Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures**Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.**Measures for environmental protection:** Prevent seepage into sewage system, workpits and cellars.**Measures for cleaning/collecting:**

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the MSDS.

Additional information:

Oil spills released directly to waterways may be subject to National Response Center reporting (1-800-424-8802).

Contact your company's environmental coordinator.

7 Handling and storage**Handling:****Information for safe handling:**

Open and handle receptacle with care.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapor. Do not cut, drill, grind or weld on or near container, whether empty or full.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Use only with adequate ventilation. Forced ventilation is necessary in pits and poorly ventilated areas.

Storage:**Requirements to be met by storerooms and receptacles:** Store in a cool location.**Information about storage in one common storage facility:**

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

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Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Further information about storage conditions: None.**8 Exposure controls and personal protection****Additional information about design of technical systems:** No further data; see item 7.**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.**Personal protective equipment:****General protective and hygienic measures:**

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Breathing equipment:

A chemical cartridge respirator with organic vapor cartridge is required. A dust/mist cartridge or prefilter may be needed in addition to control exposure to mist. Supplied air respirator (SCBA) is required at exposure levels above the capabilities of a chemical cartridge respirator.

Protection of hands:

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

Eye protection:

Tightly sealed goggles

Face protection

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

Body protection: Protective work clothing**9 Physical and chemical properties****General Information****Form:**

Liquid

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Color: According to product specification
Odor: Characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 143°C (289°F)

Flash point: 6°C (43°F)

Ignition temperature: 370.0°C (698°F)

Auto igniting: Product is not selfigniting.

Danger of explosion: In use, may form flammable/explosive vapor-air mixture.

VOC Content (max): 36.00 %

Density at 20°C (68°F): 1.02700 g/cm³

10 Stability and reactivity

Thermal decomposition: No decomposition if used according to specifications.

Dangerous products of decomposition:

Carbon monoxide and carbon dioxide
 Hydrocarbons
 Other potentially hazardous products may also be formed.

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

11 Toxicological information**Acute toxicity:****LD/LC50 values relevant for classification:****65997-05-9 Rosin oligomers**

Oral	LD50	> 2000 mg/kg (rat)
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61791-53-5 N-oleylpropylene diamine dioleate

Oral	LD50	1500 mg/kg (rat)
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13463-67-7 Titanium dioxide

Oral	LD50	> 10 000 mg/kg (rat)
Dermal	LD50	> 10 000 mg/kg (rabbit)
Inhalative	LC50/4 h	> 6.82 mg/l (rat)

112945-52-5 Silicon dioxide, amorphous

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	>0.139 mg/l (rat)

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8006-54-0 Lanolin

Oral LD50 >2009 mg/kg (rat)

7631-86-9 Silicon dioxide, amorphous, chemically prepared

Oral LD50 10000 mg/kg (rat)

Dermal LD50 > 5000 mg/kg (rabbit)

Inhalative LC50/4 h 0.139 mg/l (rat)

Primary irritant effect:**on the skin:** Irritant to skin and mucous membranes.**on the eye:** Irritating effect.**Additional toxicological information:**

Over exposure by inhalation may be fatal due to pulmonary edema (fluid in lungs). This material may be harmful or fatal if swallowed. Ingestion may result in vomiting. Aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

12 Ecological information**Ecotoxicological effects:****Remark:** Toxic for fish**General notes:**

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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

13 Disposal considerations**Product:**

Comply with Federal, State and local regulations

Waste product is defined as hazardous by US EPA due to ignitability (D001).

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

DOT regulations:



Hazard class: 3
Identification number: UN1993
Packing group: II
Proper shipping name (technical name): FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)
Label: 3

Land Transport ADR/RID (cross-border):



ADR/RID class: 3 Flammable liquids
UN-Number: 1993
Packaging group: II
Label: 3
Description of goods: 1993 FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)

Maritime Transport IMDG:



IMDG Class: 3
UN Number: 1993
Label: 3
Packaging group: II
Marine pollutant: No
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)

Air Transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 3
UN/ID Number: 1993
Label: 3
Packaging group: II

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Proper shipping name:

FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)

15 Regulations**SARA (Superfund Amendments and Reauthorization Act)****Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 (specific toxic chemical listings):

None of the ingredients is listed.

Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

California Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

WHMIS Classification(s):

B2 - Flammable liquid

D2B - Toxic material causing other toxic effects

**Carcinogenicity Categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

13463-67-7	Titanium dioxide	3
7631-86-9	Silicon dioxide, amorphous, chemically prepared	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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TLV-ACGIH (Threshold Limit Value for Carcinogens established by ACGIH)

13463-67-7	Titanium dioxide	A4
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NIOSH-Cancer (National Institute for Occupational Safety and Health)

13463-67-7	Titanium dioxide
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OSHA-Cancer (Occupational Safety & Health Administration)

None of the ingredients is listed.

National Volatile Organic Emission Standards for Architectural Coatings:**Volatile Organic Content:**

364.0 g/l / 3.04 lb/gl

Product related hazard information:**Hazard symbols:**

Xn Harmful
F Highly flammable
N Dangerous for the environment

Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light
Solvent naphtha (petroleum), light aliphatic

Risk phrases:

Highly flammable.
Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Harmful: may cause lung damage if swallowed.

Safety phrases:

Keep out of the reach of children.
Keep container in a well-ventilated place.
Keep away from food, drink and animal feedingstuffs.
Keep away from sources of ignition - No smoking.
Do not breathe fumes
Avoid contact with eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point
Take precautionary measures against static discharges.
Wear suitable protective clothing and gloves.
In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
If swallowed, seek medical advice immediately and show this container or label.
Not recommended for interior use on large surface areas.
Use appropriate container to avoid environmental contamination.
This material and its container must be disposed of as hazardous waste.

Non-hazardous Ingredients

65997-05-9	Rosin oligomers	30-50%
13463-67-7	Titanium dioxide	5.0-10.0%
7631-86-9	Silicon dioxide, amorphous, chemically prepared	5.0-10.0%

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87-69-4 (+)-tartaric acid

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5.0-10.0%

16 Other information

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

USA