

1 Identification

Product identifier

Trade name: ***Pieri Marb-A-Like™***

SDS ID Number: 84

Relevant identified uses of the substance or mixture, and uses advised against:
Specialty construction product. Not intended for other uses.

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

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

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

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

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Liq. 3 H226 Flammable liquid and vapor.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Carc. 2 H351 Suspected of causing cancer.

STOT SE 3 H336 May cause drowsiness or dizziness.

STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms



GHS02

GHS07

GHS08

Danger

Hazard statements

Flammable liquid and vapor.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

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Suspected of causing cancer.

May cause drowsiness or dizziness.

Causes damage to the central nervous system through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves / eye protection / face protection.

If swallowed: Immediately call a poison center/doctor.

Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Get medical advice/attention if you feel unwell.

In case of fire: Use for extinction: Carbon dioxide.

Store in a well-ventilated place. Keep cool.

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

NEPA ratings (scale 0 - 4)

Health = 3

Fire = 2

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *3

Flammability = 2

Reactivity = 0

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Mixture****Hazardous components:**

8052-41-3	Stoddard solvent	70-<80%
95-63-6	1,2,4-trimethylbenzene	3-<5%
1330-20-7	Xylene	1-<3%
100-41-4	Ethylbenzene	0.1-1%
91-20-3	Naphthalene	0.1-<1%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

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4 First-aid measures

Description of first aid measures**General information:** Get medical advice/attention if you feel unwell.**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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.

After eye contact: Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:**Most important symptoms and effects, both acute and delayed** Harmful: may cause lung damage if swallowed.**Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

Special hazards arising from the substance or mixture No further relevant information available.**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

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 SDS.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:**Precautions for safe handling** Prevent formation of aerosols.**Information about protection against explosions and fires:**

Empty containers may retain hazardous residue, both liquid and vapor.

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Conditions for safe storage, including any incompatibilities**Storage:****Information about storage in one common storage facility:** No special measures required.**Further information about storage conditions:** Keep receptacle tightly sealed.**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:****8052-41-3 Stoddard solvent**PEL (USA) Long-term value: 2900 mg/m³, 500 ppmREL (USA) Long-term value: 350 mg/m³
Ceiling limit value: 1800* mg/m³
*15-minTLV (USA) Long-term value: 525 mg/m³, 100 ppm**95-63-6 1,2,4-trimethylbenzene**REL (USA) Long-term value: 125 mg/m³, 25 ppmTLV (USA) Long-term value: 123 mg/m³, 25 ppm**100-41-4 Ethylbenzene**PEL (USA) Long-term value: 435 mg/m³, 100 ppmREL (USA) Short-term value: 545 mg/m³, 125 ppm
Long-term value: 435 mg/m³, 100 ppmTLV (USA) Long-term value: 87 mg/m³, 20 ppm
BEI**1330-20-7 Xylene**PEL (USA) Long-term value: 435 mg/m³, 100 ppmREL (USA) Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppmTLV (USA) Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI**91-20-3 Naphthalene**PEL (USA) Long-term value: 50 mg/m³, 10 ppmREL (USA) Short-term value: 75 mg/m³, 15 ppm
Long-term value: 50 mg/m³, 10 ppmTLV (USA) Long-term value: 52 mg/m³, 10 ppm
Skin; BEI**Ingredients with biological limit values:****1330-20-7 Xylene**BEI (USA) 1.5 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Methylhippuric acids**Additional information:** The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.

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Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

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

Eye protection:

Safety glasses with side shield 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.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information**Appearance:**

Form: Liquid
Color: According to product specification
Odor: Characteristic
Odor threshold: Not determined.

pH-value (~): Not determined.

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 157 °C (314.6 °F)
Flash point: 56 °C (132.8 °F)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 230 °C (446 °F)

Decomposition temperature: Not determined.

Auto igniting: Product is not self-igniting.

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

Explosion limits:

Lower: 1.1 Vol %
Upper: 6.0 Vol %
VOC Content (max): 90.00 %

Vapor pressure: Not determined.

Density: (~) at 20 °C (68 °F) 0.8 g/cm³ (6.7 lbs/gal)

Relative density Not determined.

Vapor density Not determined.

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Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not applicable.
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity Stable under normal conditions.**Chemical stability****Thermal decomposition:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:**

Carbon monoxide and carbon dioxide

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

Information on toxicological effects**Acute toxicity:****LD/LC50 values relevant for classification:****95-63-6 1,2,4-trimethylbenzene**

Dermal	LD50	>3,500 mg/kg (rat)
	LD50	3,160 mg/kg (rabbit)
Inhalation	LC50, 4h	18 mg/l (rat)

1330-20-7 Xylene

Oral	LD50	3,523 mg/kg (rat)
Inhalation	LC50, 4h	26 mg/m ³ (rat)

91-20-3 Naphthalene

Dermal	LD50	5,000 mg/kg (rat)
	LD50	5,000 mg/kg (rat)
Inhalation	LC50, 4h	>100 mg/l (rat)

Primary irritant effect:**on the skin:** No irritating effect expected**on the eye:** No irritating effect expected**inhalation:** Harmful if inhaled.**Ingestion:** Harmful: may cause lung damage if swallowed.

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Additional toxicological information:

Over exposure by inhalation or ingestion may be fatal. Xylene contained in this product can affect the skin, heart, brain, liver, kidneys and lungs. Chronic exposure may harm a developing fetus and damage bone marrow causing low red blood cell count. Some harmful effects are also possible through skin absorption.

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

1330-20-7	Xylene	3
100-41-4	Ethylbenzene	2B
91-20-3	Naphthalene	2B

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

91-20-3	Naphthalene	R
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OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information**Toxicity**

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes: Harmful to aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations**Disposal methods:**

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Uncleaned packagings:**Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**14 Transport information****UN-Number**

DOT NA1993

IMDG, IATA UN1993

UN proper shipping name

DOT COMBUSTIBLE LIQUID, N.O.S (Turpentine substitute, Xylenes)

IMDG, IATA FLAMMABLE LIQUID, N.O.S. (TURPENTINE SUBSTITUTE, XYLENES)

Transport hazard class(es)

DOT



Class 3 Combustible liquids

Label 3

IMDG, IATA



Class 3 Flammable liquids

Label 3

Packing group

DOT, IMDG, IATA III

Environmental hazards: Not applicable.**Special precautions for user** Warning: Flammable liquids**Danger code (Kemler):** 30**EMS Number:** F-E,S-E**Stowage Category** A**Transport/Additional information:**

IMDG

Limited quantities (LQ) 5L**Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN 1993 FLAMMABLE LIQUIDS, N.O.S. (TURPENTINE SUBSTITUTE, XYLENES), 3, III**15 Regulatory information****SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

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Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

95-63-6	1,2,4-trimethylbenzene	4.6%
1330-20-7	Xylene	2.3%

SARA Section 312/Tier I & II Hazard Categories:

Physical Hazard - Flammable (gases, aerosols, liquids, or solids)
 Health Hazard - Carcinogenicity
 Health Hazard - Acute toxicity (any route of exposure)
 Health Hazard - Skin Corrosion or Irritation
 Health Hazard - Serious eye damage or eye irritation
 Health Hazard - Specific target organ toxicity (single or repeated exposure)
 Health Hazard - Aspiration Hazard

North America 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.

Right to Know Ingredient Disclosure:

8016-28-2 | Lard oil

California Proposition 65: (Substances <0.1% unless noted in Section 3)**Chemicals known to cause cancer:**

Ethylbenzene

Naphthalene

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.

Carcinogenicity Categories**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)****Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

Xylene

A4

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards. 712.0 g/l / 5.94 lb/gal**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.

Department issuing SDS:

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