

P.QD.029

MINERAL TURPENTINE

SAFETY DATA SHEET

Date of Revision 06/01/2025
 Date of last issue 29/09/2023

MINERAL TURPENTINE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	CD SERIES	Product Name	MINERAL TURPENTINE
Recommended use	A paint or paint constituent product		
Company Name	Promac Paints (Pty) Ltd		
Address	PO Box 75351 Lynnwood Ridge 0040		
Telephone	012 804 7305		
Facsimile	012 804 2040		
Emergency Contact	-		
Contact	- T. Patel		
Contact number	- 012 804 7305		

SECTION 2. HAZARDS IDENTIFICATION

Overall Nature Hazardous goods (Flammable liquid (flash-point between 23°C and 61°C inclusive))

Classification reference SANS10234 (1272/2008/EC) :

Classification of the substance or mixture

- (H226) Flammable liquids, Hazard Category 3
- (H340) Germ cell mutagenicity, Hazard Category 1A, 1B
- (H350) Carcinogenicity, Hazard Category 1A, 1B

GHS label elements, including precautionary statements

Signal word Danger

Pictograms



Hazard and Precautionary Statements

	Hazard Statements
(H226)	Flammable liquid and vapour.
(H340)	May cause genetic defects
(H350)	May cause cancer
	Precautionary Statements
	Prevention Statements
(P201)	Obtain special instructions before use.
(P202)	Do not handle until all safety precautions have been read and understood.
(P210)	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
(P233)	Keep container tightly closed.
(P240)	Ground and bond container and receiving equipment. – if the explosive is electrostatically sensitive.
(P241)	Use explosion-proof [electrical/ventilating/lighting/...] equipment.
(P242)	Use non-sparking tools.
(P243)	Take action to prevent static discharges.
(P280)	Wear protective gloves/protective clothing/eye protection/face protection.
	Response Statements
(P303+P361+P353)	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
(P308+P313)	IF exposed or concerned: Get medical advice/attention.
(P370+P378)	In case of fire: Use... to extinguish.
	Storage Statements
(P403+P235)	Store in a well-ventilated place. Keep cool.
(P405)	Store locked up.
	Disposal Statements
(P501)	Dispose of contents/container to ... in accordance with local/regional/ national/international regulation

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS


Product type : Mixture **Generic name :** PAINT OR PAINT RELATED MATERIAL, FLAMMABLE

CAS No. : Not applicable **EU Index No :** Not applicable **UN No :** 1263

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Label	CAS Number	EC Index
1 BENZENE C6H6	0.11	200-753-7	000071-43-2	601-020-00-8
2 Items not classified as hazardous	99.89			

Classification reference SANS10234 (1272/2008/EC) of constituents

ref above table	Hazard Code	Pictogram	Cutoff
1 Above Item 1	H225^H350^H340^H304^H372 ^H315^H319^		GHS02^GHS08^GHS07^Dgr
ref above table	Classification		
1 Above Item 1	Flam. Liq. 2^Carc. 1A^Muta. 1B^Asp. Tox. 1^STOT RE 1^Skin Irrit. 2^Eye Irrit. 2		

SECTION 4. FIRST AID MEASURES

- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim calm and warm.

SECTION 5. FIRE FIGHTING MEASURES

CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.

CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.

Small Fire

- Dry chemical, CO2, water spray or regular foam.

Large Fire

- Water spray, fog or regular foam.
- Do not use straight streams.
- Move containers from fire area if you can do it without risk.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor-suppressing foam may be used to reduce vapors.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- Use clean, non-sparking tools to collect absorbed material.

Large Spill

- Dike far ahead of liquid spill for later disposal.

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· Water spray may reduce vapor, but may not prevent ignition in closed spaces.

SECTION 7. HANDLING AND STORAGE

Storage

Store separately from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),

No open flames. No smoking.

Keep containers cool. Avoid free fall of liquid - use earthing.

Subject to local bylaws

Store in a well-ventilated place. Keep cool.

Store locked up.

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

Handling

Ensure good ventilation/exhaustion at the workplace

Do not spray on a naked flame or any incandescent material

Eating, drinking and smoking in work areas is prohibited

Wash hands after use

Remove contaminated clothing and protective equipment before entering eating areas

Inhalation

Use respiratory protection.

Skin

Use barrier cream and impervious gloves.

Eyes

Use face shield or goggles. Avoid direct contact.

Ingestion

Observe the rules of hygiene. Wash before eating, drinking or smoking.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL	TWA OEL	STOEL	STOEL	OEL	Vap.Press.
MINERAL TURPENTINE	Not applicable						
Components :							
BENZENE C6H6	000071-43-2	16	5			CL+	100

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary

Appropriate hand protection and protective clothing must always be used

Keep away from foodstuffs, beverages and feed

Wash hands before breaks and at the end of work

Obtain special instructions before use.

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

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment. – if the explosive is electrostatically sensitive.

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

Use non-sparking tools.

Take action to prevent static discharges.

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

HMIS Rating (USA) 3 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

SAPMA Rating 1-H-E PPE : Gloves, Respirator and Eye protection

Personal protective equipment :

Skin PPE : Overall and impervious gloves (eg nitrile rubber)

Respiratory PPE : Air purifying respirator (eg cartridge type)

Eye PPE : Faceshield or solvent resistant goggles

MINERAL TURPENTINE**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Value
Appearance	SolventBased
Odour	Pungent
pH	not available
Boiling point	141°C
Melting point	not available
Flash point	>35°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	--
Fat solubility	--
Partition coefficient	not available
Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	0.6
U.E.L.	6.5
% non volatile	not available

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

No reaction with fire-fighting water

Keep away from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),

POTENTIAL HAZARDS**FIRE OR EXPLOSION**

- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.
- Substance may be transported hot.
- For hybrid vehicles, GUIDE 147 (lithium ion batteries) or GUIDE 138 (sodium batteries) should also be consulted.
- If molten aluminum is involved, refer to GUIDE 169.

SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
MINERAL TURPENTINE	Not applicable	t.b.e.	-	-	-
Components :	-----	-----	-----	-----	-----
BENZENE C6H6	000071-43-2	- mg			

P.QD.029**MINERAL TURPENTINE****Inhalation**

Toxic. Exposure to this material must be avoided.

Skin

TOXIC by contact - may be absorbed.

Eyes

Irritating.

Ingestion

Toxic.

HUMAN CARCINOGEN CAT 1. (EC/CHIP2)

May cause cancer

May cause genetic defects

POTENTIAL HAZARDS**HEALTH**

- Inhalation or contact with material may irritate or burn skin and eyes.
- Fire may produce irritating, corrosive and/or toxic gases.
- Vapors may cause dizziness or suffocation.
- Runoff from fire control or dilution water may cause pollution.

SECTION 12. ECOLOGICAL INFORMATION

No available ecological data of ingredients :

Aquatic toxicity : No further relevant information available

Persistence and degradability : No further relevant information available.

Bioaccumulative potential : No further relevant information available.

Mobility in soil : No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Highly Hazardous - Consult responsible waste disposal contractors. Destroy used containers.

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

SECTION 14. TRANSPORT INFORMATION**UN Number** 1263**Shipping Name** PAINT OR PAINT RELATED MATERIAL, FLAMMABLE**IMO Class** 3**Packing Group** III**Action Code** 128**HazChem** •3Y**Kemler/ HIN Code** 30**SECTION 15. REGULATORY INFORMATION****Classification reference SANS10234 (1272/2008/EC) :****Classification of the substance or mixture**

(H226) Flammable liquids, Hazard Category 3

(H340) Germ cell mutagenicity, Hazard Category 1A, 1B

(H350) Carcinogenicity, Hazard Category 1A, 1B

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

THIS SUBSTANCE IS A POTENTIAL CARCINOGEN - ENSURE PRECAUTIONS ARE TAKEN.

HMIS Rating (USA) : 3 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

P.QD.029**MINERAL TURPENTINE****Abbreviations**

Code : Abbreviation : Meaning

F : : highly flammable

T : : toxic

===== : :

: : Associated pictogram code shown in brackets

===== : :

GHS01 : : Exploding bomb

GHS02 : : Flame

GHS03 : : Flame over circle

GHS04 : : Gas cylinder

GHS05 : : Corrosion

GHS06 : : Skull and crossbones

GHS07 : : Exclamation mark

GHS08 : : Health hazard

GHS09 : : Environment

: %m/m : Percent by mass

: ATE : Acute Toxicity Estimate

: CAS : Chemical Abstracts Service

: CHIP : Chemicals (Hazard Information and Packaging for supply)

: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

: CNS : Central Nervous System

: DIN : Standard of the German Institute for Standardisation

: DOT : Department of Transport

: EC : European Community

: EC50 : Effective Concentration (Median) for 50% of the response under test

: ECB : European Chemicals Bureau

: ECHA : European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)

: EEC : European Economic Community

: EINECS : European Inventory of Existing Chemical Substances

: ELINCS : European List of Notified Chemical Substances

: GHS : Globally Harmonized System of Classification and Labelling of Chemicals

: HMIS : Hazardous Materials Information System (USA only)

: IATA : International Air Transport Association

: IMDG : International Maritime Dangerous Goods Code

: IMO : International Maritime Organization

: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007

: ISO : International Standards Organisation

: L.E.L. : Lower explosive limit

: LD50/LC50 : Median (50%) lethal dose/concentration

: mg/m3 : Milligrams per cubic meter

: MSDS : Material safety data sheet

: n.a. : Not available

: NC : No Classification

: No : Number

: OEL : Occupational exposure limit

: OEL-CL : Occupational exposure limit - control limit

: OEL-RL : Occupational exposure limit - recommended limit

: OHS Act : Occupational Health and Safety Act

: P statement : Precautionary statement

: PPE : Personal protective equipment

: ppm : Parts per million

: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)

: SABS : South African Bureau of Standards

: SANS : South African National Standards

: SAPMA : South African Paint Manufacturers Association

: SARA 313 : Toxic Release Inventory Reporting SRA Section 3

: SDS : Safety Data Sheet

: STOEL : Short-term occupational exposure limit

: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure

: STOT-SE : Specific Target Organ Toxicity - Single Exposure

: TDG : Transport of Dangerous Goods

: TSCA : Toxic Substance Control Act (USA only)

: TWA : Time weighted average

: U.E.L. : Upper explosive limit

: UN : United Nations

: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)

===== : :

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.

No responsibility is accepted for errors or omissions or the consequences thereof.

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