

SAFETY DATA SHEET

according to the Hazardous Products Regulations



PIGMENT PHTHALO BLUE 8887214E

Version	Revision Date:	SDS Number:	Date of last issue: 10/12/2020
2.0	06/18/2024	000000268980	Date of first issue: 10/12/2020

SECTION 1. IDENTIFICATION

Product name : PIGMENT PHTHALO BLUE 8887214E
Product code : 00000000050702131
Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : Sika MBCC Canada, Inc.
Address : 601 DELMAR AVE
Pointe-Claire QC H9R 4A9
Emergency telephone : ChemTel: +1-813-248-0585;

Recommended use of the chemical and restrictions on use

Recommended use : Coloring agent
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Carcinogenicity (Inhalation) : Category 1A
Specific target organ toxicity : Category 2 (Kidney)
- repeated exposure (Oral)
Long-term (chronic) aquatic : Category 3
hazard

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H350 May cause cancer by inhalation.
H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read

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Version 2.0 Revision Date: 06/18/2024 SDS Number: 000000268980 Date of last issue: 10/12/2020
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and understood.
P260 Do not breathe mist or vapors.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Aqueous solution

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
talc	hydrated magnesium silicate	14807-96-6	$\geq 15 - < 40$
ethylene glycol	1,2-Ethandiol	107-21-1	$\geq 15 - < 40$
Diethylene glycol	2,2'-Oxydiethanol	111-46-6	$\geq 5 - < 10$
C.I. Pigment Blue 15	Copper, [29H,31H-phthalocyaninato(2-)-N ²⁹ ,N ³⁰ ,N ³¹ ,N ³²]-, (SP-4-1)-	147-14-8	$\geq 3 - < 7$
Quartz (SiO ₂)	crystalline silica	14808-60-7	$\geq 0.1 - < 1$
Nonylphenol, branched, ethoxylated	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, branched	68412-54-4	< 0.1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. Remove contaminated clothing.
If inhaled : If generated vapours are inhaled, move to fresh air. Seek medical attention.

SAFETY DATA SHEET

according to the Hazardous Products Regulations



PIGMENT PHTHALO BLUE 8887214E

Version	Revision Date:	SDS Number:	Date of last issue: 10/12/2020
2.0	06/18/2024	000000268980	Date of first issue: 10/12/2020

- In case of skin contact : Wash thoroughly with soap and water
Under no circumstances should organic solvent be used.
If irritation develops, seek medical attention.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running
water with eyelids held open, consult an eye specialist.
Remove contact lenses, if present, after first 5 minutes, then
continue rinsing for an additional 15 minutes.
- If swallowed : Rinse mouth and then drink 200-300 ml of water.
DO NOT induce vomiting unless directed to do so by a physi-
cian or poison control center.
- Most important symptoms and effects, both acute and delayed : May cause cancer by inhalation.
May cause damage to organs through prolonged or repeated
exposure if swallowed.
- Notes to physician : Treat symptomatically.
-

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
- Further information : The degree of risk is governed by the burning substance and
the fire conditions.
Contaminated extinguishing water must be disposed of in
accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective clothing.
Handle in accordance with good building materials hygiene
and safety practice.
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PIGMENT PHTHALO BLUE 8887214E

Version 2.0 Revision Date: 06/18/2024 SDS Number: 000000268980 Date of last issue: 10/12/2020
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Environmental precautions : Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).
Place into appropriately labeled waste containers.
Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Avoid contact with the skin, eyes and clothing.

Conditions for safe storage : Keep only in the original container in a cool, well-ventilated place.
Keep tightly closed.
Protect from direct sunlight.
Store protected against freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
talc	14807-96-6	TWAEV (fibers)	1 fibres per cubic centimeter	CA QC OEL
		TWAEV (respirable dust)	2 mg/m ³	CA QC OEL
		TWA	0.1 fibres per cubic centimeter	CA BC OEL
		TWA (Respirable particulates)	2 mg/m ³	CA AB OEL
		TWA (Respirable)	2 mg/m ³	CA BC OEL
		TWA	2 fibres per cubic centimeter	CA ON OEL
		TWA (Respirable fraction)	2 mg/m ³	CA ON OEL
		TWA	0.1 fibres per cubic centimeter	ACGIH
		TWA (Respirable particulate mat-	2 mg/m ³	ACGIH

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according to the Hazardous Products Regulations



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Version 2.0 Revision Date: 06/18/2024 SDS Number: 000000268980 Date of last issue: 10/12/2020
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ethylene glycol	107-21-1	(c)	100 mg/m3	CA AB OEL
		C (Vapor)	50 ppm	CA BC OEL
		C (Vapour and mist)	50 ppm 127 mg/m3	CA QC OEL
		TWA (Total, aerosol only)	10 mg/m3	CA BC OEL
		STEL (Total, aerosol only)	20 mg/m3	CA BC OEL
		C (Total, aerosol only)	100 mg/m3	CA BC OEL
		TWA (Vapor)	25 ppm	ACGIH
		STEL (Vapor)	50 ppm	ACGIH
		STEL (Inhalable fraction, Aerosol only)	10 mg/m3	ACGIH
Quartz (SiO ₂)	14808-60-7	TWA (Respirable particulates)	0.025 mg/m3	CA AB OEL
		TWA (Respirable fraction)	0.1 mg/m3	CA ON OEL
		TWA (Respirable)	0.025 mg/m3 (Silica)	CA BC OEL
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.
Use NIOSH approved respiratory protection.

Hand protection

Remarks : Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Body protection must be chosen based on level of activity and exposure.

Protective measures : Avoid contact with the skin, eyes and clothing.
No special measures necessary if stored and handled correctly.
Handle in accordance with good building materials hygiene and safety practice.

SAFETY DATA SHEET

according to the Hazardous Products Regulations



PIGMENT PHTHALO BLUE 8887214E

Version	Revision Date:	SDS Number:	Date of last issue: 10/12/2020
2.0	06/18/2024	000000268980	Date of first issue: 10/12/2020

Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: blue
Odor	: of glycol
Odor Threshold	: not determined
pH	: No data available
Melting point/freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: 138.5 °C
	Method: estimate
Evaporation rate	: No data available
Flammability (liquids)	: not highly flammable
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: 1.4
Solubility(ies)	
Water solubility	: No data available

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PIGMENT PHTHALO BLUE 8887214E

Version	Revision Date:	SDS Number:	Date of last issue: 10/12/2020
2.0	06/18/2024	000000268980	Date of first issue: 10/12/2020

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Autoignition temperature : not determined

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

 Viscosity, dynamic : No data available

 Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : Not an oxidizer.

Sublimation point : No data available

Molecular weight : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Skin corrosion/irritation

Not classified due to lack of data.

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2.0	06/18/2024	000000268980	Date of first issue: 10/12/2020

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

May cause cancer by inhalation.

IARC	Group 1: Carcinogenic to humans	
	Quartz (SiO ₂)	14808-60-7
	(Silica dust, crystalline)	

Reproductive toxicity

Not classified due to lack of data.

STOT-single exposure

Not classified due to lack of data.

STOT-repeated exposure

May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:

Nonylphenol, branched, ethoxylated:

M-Factor (Acute aquatic tox- : 1

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M-Factor (Chronic aquatic toxicity) : 10

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with national, state and local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

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Version	Revision Date:	SDS Number:	Date of last issue: 10/12/2020
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TDG

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)

CA BC OEL : Canada. British Columbia OEL

CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.

CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

ACGIH / TWA : 8-hour, time-weighted average

ACGIH / STEL : Short-term exposure limit

CA AB OEL / TWA : 8-hour Occupational exposure limit

CA AB OEL / (c) : ceiling occupational exposure limit

CA BC OEL / TWA : 8-hour time weighted average

CA BC OEL / STEL : short-term exposure limit

CA BC OEL / C : ceiling limit

CA ON OEL / TWA : Time-Weighted Average Limit (TWA)

CA QC OEL / TWA EV : Time-weighted average exposure value

CA QC OEL / C : Ceiling

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect

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Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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