22685-1003

MATERIAL SAFETY DATA SHEET

Brenntag Canada Inc
Identification of preparation /company

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **WATER COLOUR PAINT**

Manufacture: BRENNTAG CANADA INC
43 JUTLAND ROAD
TORONTO, ON M8Z 2G6
(416) 259-8231

The use of product Supplier: Painting

2. HAZARDS IDENTIFICATION

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC,1999/45/EC and 1967/548/EEC.

THE PREPARATION IS NOT CLASSIFIED AS DANGEROUS ACCORDING EUROPEAN REGULATION

Primary Routes of Exposure

Inhalation
Skin Contact
Eye Contact

Inhalation

Inhalation of vapor or mist can cause the following:
- irritation of nose and throat

Eye Contact

Direct contact with material can cause the following
Slight irritation

Skin Contact

Prolonged or repeated skin contact can cause the following.
Slight irritation

WATER COLOUR

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients (White)	CAS No	% Conc.
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
Titanium oxide	13463-67-7	13

Ingredients (Lemon Yellow)	CAS No	
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
C.I. Pigment Yellow 1	2512-29-0	13

Ingredients (Yellow Ochre)	CAS No	
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
C.I. Pigment Yellow 42	51274-00-1	13

Ingredients (Vermilion)	CAS No	
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
CI Pigment red 170	2786-76-7	11
permanent orange RN	3468-63-1	2

Ingredients (Crimson)	CAS No	% Conc.
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
C.I. Pigment Red 108	58339-34-7	13

WATER COLOUR

Ingredients (Ultramarin)	CAS No	
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
CI Pigment blue 29	57455-37-5	13

Ingredients (Cerulean blue)	CAS No	
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
CI Pigment blue 15	147-14-8	13

Ingredients (Sap Green)	CAS No	% Conc.
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
C.I. Pigment Yellow 1	2512-29-0	2.5
C.I. Pigment Green 7	1328-53-6	10.5

Ingredients (Deep Green)	CAS No	
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
C.I. Pigment Blue 15	147-14-8	3.0
C.I. Pigment Green 7	1328-53-6	10

Ingredients (Burnt sienna)	CAS No	% Conc.
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
CI Pigment brown 7	1345-27-3	9.8
Carbon black	1333-86-4	3.2

Ingredients (Burnt umber)	CAS No	% Conc.
Gum arabic	9000-01-5	30
Talc	14807-96-6	10

WATER COLOUR

Water	7732-18-5	355
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
CI Pigment brown 7	1345-27-3	11.7
Carbon black	1333-86-4	0.9
C.I. Pigment Yellow 42	51274-00-1	0.4

Ingredients (Black)	CAS No	% Conc.
Gum arabic	9000-01-5	30
Talc	14807-96-6	10
Water	7732-18-5	35
Ethylparaben	120-47-8	0.4
Hydroxyethyl cellulose	9004-62-0	11
Aminomethyl propanol	124-68-5	0.6
carbon black	1333-86-4	13

This board and mention. and in the board, add the used concentration in formula, write a maxima and minima concentration.

Present substance with a inferior concentration to the hazard limit:

2-amino-2-methylpropanol	CAS 124-68-5	classification: Xi; R36/38 - R52-53

4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin contact: Wash with water and soap as a precaution. If skin irritation persists, call a physician.

Eye contact: Rinse with plenty of water. If eye irritation persists, consult a specialist.

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Thermal decomposition Thermal decomposition may yield acrylic monomers.

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Specific hazards during firefighting: Material can splatter above 100C/212F. Dried product can burn.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

WATER COLOUR

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental precautions
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods for cleaning up
Contain spills immediately with inert materials (e.g., sand, earth).
Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.
Further information on storage conditions: Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

Storage
Storage temperature: 1 - 49 °C
Other data: Monomer vapors can be evolved when material is heated during processing operations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls

Eye protection: safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.

Hand protection: The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

Respiratory protection: Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Engineering measures: Use only in area provided with appropriate exhaust ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	ointment
Colour	Titanium white,
dour	monotony

WATER COLOUR

pH	7.0 - 8.0
Boiling point/range	100 °C water
Melting point/range	0 °C water
Flash point	Noncombustible
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	2,266.474 Pa at 20 °C water
Relative vapour density	<1.0water
Water solubility	Dilutable
Relative density	1.00 - 1.20
Viscosity, dynamic	50 - 400 mPa.s
Evaporation rate	<1 water
Percent volatility	49 - 51 % water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Hazardous reactions None known.
Stable

Materials to avoid There are no known materials which are incompatible with this product.

polymerization Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity LD50 rat > 5,000 mg/kg

Acute dermal toxicity LD50 rabbit > 5,000 mg/kg

Skin irritation rabbit May cause transient irritation.

Eye irritation rabbit No eye irritation

12. ECOLOGICAL INFORMATION

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal
Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport:

Not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

Hazchem Code
None Allocated

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations

15. REGULATORY INFORMATION

Labelling in accordance with EC-Directives
The preparation is not classified according European regulation on hazardous substance: Directive 67/548/CE 31éme adaptation and on hazardous preparations: Directive 2006/8/CE

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.