




SAFETY DATA SHEET

Revision Date: 07/31/2019

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Imasco Custom Colour/ Artisan Colour
PRODUCT USE	Pigments for integrally colouring cement plaster
COMPANY	Imasco Minerals, Inc. 19287 98A Avenue Surrey, BC CANADA V4N 4C8
EMERGENCY TELEPHONE	604-888-3848 (8am to 5pm weekdays)
WEBSITE	www.imascominerals.com
EMAIL	Imasco@imascominerals.com

SECTION 2 HAZARD IDENTIFICATION

GHS-US CLASSIFICATION	Skin Irrit. 2 Eye Irrit. 2A STOT SE 3 Carc. 1A
GHS-US LABELLING	
Hazard Pictogram	
Signal Word	Warning
Hazard Statements	H315 – Causes skin irritation H319 – Causes serious eye irritation H335 – May cause respiratory irritation H350 – May cause cancer
Precautionary Statements	P201 – Obtain special instructions before use P202 – Do not handle until all safety precautions have been read and understood P261 – Avoid breathing dust P264 – Wash thoroughly after handling P271 – Use only outdoors or in a well-ventilated area P280 – Wear protective gloves, protective clothing, eye protection P302+P352 – If on skin: wash with plenty of water



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P304+P340 – If inhaled: if breathing is difficult, remove victim to fresh air and keep comfortable for breathing
P305+P351+P338 – If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313 – If exposed or concerned, get medical advice/ attention
P312 – Call a poison centre/ doctor if you feel unwell
P332+P313 – If skin irritation occurs, get medical advice/ attention
P337+P313 – If eye irritation persists, get medical advice/ attention
P362 – Take off contaminated clothing and wash before reuse
P403+P233 – Store in well-ventilated place. Keep container tightly closed
P501 – Dispose of contents/ container in accordance with local/ regional/ national/ international regulations

Hazards not otherwise classified None known

Unknown Acute Toxicity Not applicable

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS	CONCENTRATION (%w/w)
Black Iron Oxide	1317-61-9	20 – 80
Red Iron Oxide	1309-37-1	20 – 80
Yellow Iron Oxide	51274-00-1	20 – 80
Calcium Carbonate	1317-65-3	20 – 80
Titanium Dioxide	13463-67-7	0 – 10
Crystalline Silica, quartz	14808-60-7	0.1 – 1.0

Composition ranges shown to indicate differences based on colour and inter-batch variability

SECTION 4 FIRST AID MEASURES

GENERAL ADVICE

If in doubt, or if symptoms persist, seek medical attention.

EYE CONTACT

Hold eyelids apart and flush eyes with a steady, gentle stream of water for at least 15 minutes. Do not rub eyes. Check for and remove contact lenses.

SKIN CONTACT

Wash skin with mild soap and water for several minutes.



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INGESTION

Dilute by drinking larger amounts of water. Give at least two glasses of water to drink. Never give anything by mouth to an unconscious person.

INHALATION

Move person to fresh air. Check for clear airway, breathing and pulse. Provide cardiopulmonary resuscitation (CPR) to anyone without a pulse or respiration.

SECTION 5 FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Product is non-flammable and non-combustible. Use extinguishing media suitable for the surrounding fire: water spray, carbon dioxide (CO₂), dry chemical, alcohol foam.

UNSUITABLE EXTINGUISHING MEDIA

None

SPECIAL EXPOSURE HAZARDS

None

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Firefighters should wear protective clothing and use equipment that is suitable for the materials involved in the surrounding fire.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear suitable personal protective equipment (as per Section 8)

POTENTIAL ENVIRONMENTAL EFFECTS

Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.

CLEANUP METHODS

Handle as a nuisance dust and use respiratory protection if dust becomes airborne. Shovel or scoop up spills. Dispose of in accordance with municipal, state/provincial and federal regulations.



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SECTION 7 HANDLING AND STORAGE

HANDLING Do not get in eyes. Avoid contact with skin. Avoid dust generation. Provide appropriate ventilation where dust is formed. In case of insufficient ventilation, wear suitable respiratory PPE. Wash hands thoroughly after handling.

STORAGE Store in a cool, dry area, out of direct sunlight. Protect containers from weather and other damage.

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE GUIDELINES

Engineering Controls Use mechanical ventilation (dilution and exhaust) to control exposure.

Nuisance Particles/ Nuisance Dust ACGIH: 10 mg/ m³ (total dust), 3 mg/ m³ (respirable fraction)
OSHA PEL: 15 mg/ m³ (total dust), 5 mg/ m³ (respirable fraction).

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection Use chemical splash goggles (ANSI 287.1 or equivalent).

Skin and Body Protection Use suitable working clothes, gloves and footwear, considering conditions and exposure.

Hand Protection Use neoprene or rubber gloves.

Respiratory Protection In case of exposure to high levels of airborne dust, wear a respirator EN 149, P2 half mask. Use NIOSH/ MSHA approved respiratory protection equipment when airborne exposure exceeds established guidelines.

Hygiene Measures Wash thoroughly after handling. Have eye-washing stations immediately available.

CONTROL PARAMETERS

Limestone (1317-65-3)

OSHA - TWA	15 mg/ m ³ (total dust) 5 mg/ m ³ (respirable fraction)
Canada - Alberta - OEL - TWA	10 mg/ m ³
Canada - British Columbia - OELs - STELs	20 mg/ m ³



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Titanium Dioxide (13463-67-7)

OSHA - TWA	15 mg/ m ³ (total dust)
ACGIH – TWA	10 mg/ m ³

Iron Oxide (1317-61-9, 1309-37-1, 51274-00-1)

OSHA - TWA	10 mg/ m ³ (total dust) 5 mg/ m ³ (respirable fraction)
ACGIH – TWA	10 mg/ m ³ (total dust) 5 mg/ m ³ (respirable fraction)

Crystalline Silica (14808-60-7)

OSHA - TWA	(10 mg/ m ³)/(%SiO ₂ + 2) (respirable) (30 mg/ m ³)/(%SiO ₂ + 2) (total dust)
NIOSH - TWAs	0.05 mg/ m ³
NIOSH - Potential Occupational Carcinogens	Potential occupational carcinogen
Canada - Alberta - OEL - TWA	0.025 mg/ m ³ TWA (respirable particulate)
Canada - British Columbia - OEL - Designated Substances	ACGIH Category A2 - Suspected Human Carcinogen IARC Category 1 - Human Carcinogen
Canada - Manitoba - OEL - TWA	0.025 mg/ m ³ TWA (respirable fraction)
Canada - Nova Scotia - OEL - TWA	0.025 mg/ m ³ TWA (respirable fraction)
Canada – Prince Edward Island - OEL - TWA	0.025 mg/ m ³ TWA (respirable fraction)
Mexico OEL Data - TWA	0.1 mg/ m ³ TWA (respirable fraction)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colour combinations of black, red, yellow and white
PHYSICAL STATE	Solid, powder
ODOUR	None
ODOUR THRESHOLD	No information available
pH	No information available
MELTING POINT	No information available
FREEZING POINT	No information available



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FLASH POINT	No information available
EVAPORATION RATE	No information available
FLAMMABILITY	No information available
VAPOUR PRESSURE	Not applicable
VAPOUR DENSITY	Not applicable
WATER SOLUBILITY	Slight
PARTITION COEFFICIENT (n-octanol/ water)	No information available
DECOMPOSITION TEMPERATURE	No information available
OXIDIZING PROPERTIES	No information available

SECTION 10 STABILITY AND REACTIVITY

STABILITY	Stable under normal storage and use conditions
INCOMPATIBLE CONDITIONS	Temperatures exceeding 55 °C
INCOMPATIBLE MATERIALS	Substances subject to catalytic decomposition caused by dust such as peroxides. Further avoid contact with aluminum dust, calcium hypochlorite, hydrazine, ethylene oxide, caesium carbide.
HAZARDOUS DECOMPOSITION PRODUCTS	None known

SECTION 11 TOXICOLOGICAL INFORMATION

NON-CLASSIFIED HAZARDS	
Chronic Toxicity	No information available.
Sensitization	No information available.
Eye Irritation	May cause slight irritation.
Skin Irritation	Substance may cause slight skin irritation.
Inhalation	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.



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SECTION 12 ECOLOGICAL INFORMATION

POTENTIAL ENVIRONMENTAL EFFECTS	Not considered to be harmful to the environment
ECOTOXICITY	Not expected to be toxic to aquatic life
PERSISTENCE/ DEGRADABILITY	Non-degradable
BIOACCUMULATIVE POTENTIAL	Unlikely to be significant because of the low water-solubility of this product.
MOBILITY	Low solubility in water
OTHER ADVERSE EFFECTS	None known

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT OPTIONS	Dispose of in accordance with local, state/ provincial and national regulations
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SECTION 14 TRANSPORT INFORMATION

UN-NO.	None
DOT	Not regulated
TDG	Not regulated
IMDG/ IMO	Not regulated
ICAO	Not regulated
IATA	Not regulated
RID/ ADR	Not regulated

SECTION 15 REGULATORY INFORMATION

DSL All components of this product are on the Canadian DSL list.

TSCA No.: All constituents are listed in the TSCA inventory.



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USA

EPA

SARA Title III, Sections 301, 304, 311, 312, 313; CERCLA RQ: This product is not subject to these referenced SARA and CERCLA regulations.

Clean Water Act: The components of this product are not regulated under any of the following sections of the Clean Water Act (Section 307 Priority Pollutants or Section 311 Hazardous Substances). It would be regulated under Section 304 Water Quality Criteria Substances for suspended solids.

Clean Air Act: The components of this product are not regulated under any of the following sections [Section 112 Hazardous Air Pollutants, Section 112 Statutory Air Pollutants, Section 112 High-Risk Pollutants, Section 112(r) Accidental Release Prevention Substances or Section 602 Ozone Depleting Substances]. As a powder product, it is regulated under Section 109 Criteria Pollutant particulates.

States Right-to-Know (RTK)

California Proposition 65: This product is not known to contain a chemical at a level that is expected to pose significant risk under anticipated use conditions.

Canada

WHMIS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

SECTION 16 OTHER INFORMATION

TRAINING ADVICE

Personnel handling the substance(s) named in this SDS should be skilled and trained in areas associated with the key points indicated herein.

Personnel should have training and access to appropriate PPE for handling this product.

Personnel handling the substance(s) named in this SDS are responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data is suitable and



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sufficient for the intended purpose of the substance(s).

If additional information is needed, please contact the supplier or an OHS expert.

PREPARED BY: Technical Department, Imasco Minerals Inc.

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END OF DATA SHEET