



AROVITA PAINTS & PASTELS

Safety Data Sheet

Product Identifier:
Transparent Red Oxide dry pigment

SECTION 1. IDENTIFICATION

Product Name	Transparent red oxide PR 101
Recommended Use	Artists and Restoration Material, pigment.
Restrictions on Use	None
Initial Supplier Identifier	Arovita Paints & Pastels Gatineau, Quebec
Emergency Telephone Number	911

WHMIS# 00071399

SECTION 2. HAZARD IDENTIFICATION



This pigment is not considered to be hazardous material and does not endanger the environment. Like with all mineral powders, long-term contact can cause respiratory problems.

WHMIS Not regulated



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Classification

Label Elements Not assessed

Other Hazards Not assessed

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
FE ₂ O ₃		99%	Ferric oxide	Red Powder

Hazardous ingredient not present. Virtually nontoxic after a single ingestion.

SECTION 4. FIRST-AID MEASURES

Inhalation Move individual to fresh air

Skin Contact Wash affected area immediately with large amounts of soap and water. If irritation develops or persists, seek medical attention.

Eye Contact Immediately hold eyelids open and flush with water for at least 15 minutes. Seek medical attention.

Ingestion The product is not toxic. Do not induce vomiting. Rinse out mouth with water. If swallowed and if exposed person is conscious, give small amounts of water to drink. Seek immediate medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable Dry powder, foam

Auto ignition temperature (°C) not self-igniting



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**Unsuitable
extinguishing
media**

Carbon dioxide

**Specific Hazards
Arising from the
Product**

Harmful vapours: Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Special Protective
Firefighting
Procedures**

Wear protective equipment as required. Avoid high dust concentrations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal
Precautions**

Wear protective clothing during cleanup.

**Methods for
Containment and
Cleaning Up**

Avoid creating dust. Do not allow product to enter sewers or waterways. Vacuum/shovel up and transfer into a drum for reuse or disposal.

SECTION 7. HANDLING AND STORAGE

**Precautions for
Safe Handling**

Avoid creating / breathing dust. Wash skin thoroughly after handling and before eating or smoking. Use good industrial hygiene practices in handling this material. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for
Safe Storage**

Keep well sealed in a cool and dry place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control
Parameters**

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of the shift. Avoid dust formation.



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Ventilation Requirements

General ventilation is recommended

Individual Protection Measures

After handling chemicals, thoroughly wash your hands, forearms and face before eating, smoking, using the toilet and after you have finished your work. Use appropriate techniques to remove contaminated clothing. Wash contaminated clothing before reuse.

Eye/Face Protection

Wear safety glasses with side shields or goggles.

Skin Protection

Wear protective gloves.

Respiratory Protection

NIOSH/OSHA approved dust respirator should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Odour

Red Powder
Odourless

pH value 6 - 8 (DIN
EN ISO 787-9)

Melting point >
1,000 °C

Density approx. 4.5
g/cm³ (20 °C) (DIN
EN ISO 787-10)

Relative density
approx. 4.5 (20 °C)

Bulk density
approx. 625 kg/m³

Vapour density
The product is a
non-volatile solid.

**Partitioning
coefficient**



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**noctanol/water
(log Pow)**

Study does not
need to be
conducted.

Solubility in water
insoluble

**Solubility in other
solvents** The
product has not
been tested.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions

**Conditions to
Avoid** Generating dust. None known.

**Incompatible
Materials** None known.

**Hazardous
Products of
Decomposition** Oxides of Nitrogen, Carbon and organic Vapours.

SECTION 11. TOXICOLOGICAL INFORMATION

Irritation / corrosion:

Not irritating to the eyes. Not irritating to the skin.

Assessment other acute effects

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Sensitization



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Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Chronic toxicity

Carcinogenicity

The whole of the information assessable provides no indication of a carcinogenic effect. IARC Group 3 (not classifiable as to human carcinogenicity).

Repeated dose toxicity

The substance may cause increase in lung mass and lung tissue changes after repeated inhalation. Observed effects were reversible. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition. Chronic exposures have been known to produce pneumoconiosis (chronic inflammatory and fibrotic lung disease).

Reproductive toxicity

Study scientifically not justified.

Teratogenicity

Study scientifically not justified.

Genotoxicity

No mutagenic effect was found in various tests with bacteria and mammalian cell culture. The substance was not mutagenic in a test with mammals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Signs and symptoms of overexposure

No significant reaction of the human body to the product known.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic toxicity

There is a high probability that the product is not acutely harmful to aquatic organisms.

Terrestrial toxicity

Study scientifically not justified.

SECTION 13. DISPOSAL CONSIDERATIONS



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Disposal Methods Dispose of in accordance with local, provincial and federal regulations.

SECTION 14. TRANSPORT INFORMATION

TDG Classification	Not regulated
IMDG Class	Not regulated
IATA-DGR class	Not regulated

SECTION 15. REGULATORY INFORMATION

Chemical DSL, CA released / listed

Not WHMIS controlled.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16. OTHER INFORMATION

Date of Latest Revision	2019/02/11. SDS prepared by Arovita Paints and Pastels
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