

ART-03 / ART-63**Anti-rust Enamel Glossy
Neutral, Aluminium Bases****SECTION 1. IDENTIFICATION**

Product Identifier	ART-03 / ART-63	Anti-rust Enamel Glossy	Neutral, Aluminium
	Bases		
Product Family	Solvent thinned Paint		
Recommended Use	Coating.		
Restrictions on Use	Not applicable.		
	Denalt Paints, 8620 Pascal Gagnon, St-Leonard, Quebec, H1P 1Z1		
Emergency Phone No.	Peinture DENALT Paints, 514-328-2727 / 514-691-3533		
SDS No.	0214		
Date of Preparation	septembre 04, 2018		

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Flammable liquid - Category 2; Serious eye damage/eye irritation - Category 1; Skin sensitization - Category 1A; Carcinogenicity - Category 1A; Specific target organ toxicity (repeated exposure) - Category 1

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Stoddard solvent	8052-41-3	Max 25	
Titanium dioxide	13463-67-7	Max 25	Pigment White no. 6
Light aromatic solvent naphtha	64742-95-6	Max 10	
Titanium dioxide	13463-67-7	Max 5	
Titanium dioxide	13463-67-7	Max 5	
COBALT BIS(2-ETHYLHEXANOATE)	136-52-7	Max 0.3	
Methyl ethyl ketoxime	96-29-7	Max 0.3	

SECTION 4. FIRST-AID MEASURES**First-aid Measures****Inhalation**

Get medical advice/attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

Product Identifier: ART-03 / ART-63 Anti-rust Enamel Glossy Neutral, Aluminium Bases

SDS No.: 0214

Page 01 of 07

Date of Preparation: septembre 04, 2018

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

Ingestion

Rinse mouth with water.

First-aid Comments

Get medical advice/attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

Not applicable.

Immediate Medical Attention and Special**Treatment Target Organs**

Nervous system.

Special Instructions

Monitor nervous system function. (Stoddard solvent)

Medical Conditions Aggravated by Exposure

Nervous system conditions.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

Not applicable.

Specific Hazards Arising from the Chemical

Does not burn.

Not known to generate any hazardous decomposition products in a fire.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary.

Other Information

None known.

SECTION 7. HANDLING AND STORAGE**Precautions for Safe Handling**

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity).

Product Identifier:

ART-03 / ART-63

Anti-rust Enamel Glossy

Neutral, Aluminium Bases

SDS No.:

0214

Page 02 of 07

Date of Preparation:

septembre 04, 2018

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Titanium dioxide	10 mg/m3 Not established					
Stoddard solvent	100 ppm		100 ppm			
Light aromatic solvent naphtha	100 mg/m3					
Titanium dioxide	10 mg/m3 Not established					
Titanium dioxide	10 mg/m3 Not established					

Consult local authorities for provincial or state exposure limits.

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required if product is used as directed.

Skin Protection

Not required, if used as directed.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	viscous liquid.
Odour	Gasoline-like
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	185 °C
Flash Point	>= 43 °C (closed cup) (estimated) (Stoddard solvent)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Solubility	Slightly soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

Product Identifier:	ART-03 / ART-63	Anti-rust Enamel Glossy	Neutral, Aluminium Bases
SDS No.:	0214		Page 03 of 07
Date of Preparation:	septembre 04, 2018		

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Temperatures above 43 °C

Incompatible Materials

Highly reactive. Strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).

Not corrosive to metals.

Hazardous Decomposition Products

Irritating chemicals.

SECTION 11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Titanium dioxide	> 6820 mg/m ³ (rat) (4-hour exposure) (dust)	Not available	> 10000 mg/kg (rabbit)
Stoddard solvent	> 5 500 mg/m ³ (rat) (4-hour exposure)	5 000 mg/kg (rat)	> 3 000 mg/kg (rabbit)
COBALT BIS(2-ETHYLHEXANOATE)	Not available	~ 3900 mg/kg (rat)	Not available
Methyl ethyl ketoxime	> 4.83 mg/L (rat) (4-hour exposure) (vapour)	2326 mg/kg (rat)	1000-1800 mg/kg (rabbit)
Light aromatic solvent naphtha	> 5000 mg/kg (rat) (1-hour exposure)	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Titanium dioxide	> 6820 mg/m ³ (rat) (4-hour exposure) (dust)	Not available	> 10000 mg/kg (rabbit)
Titanium dioxide	> 6820 mg/m ³ (rat) (4-hour exposure) (dust)	Not available	> 10000 mg/kg (rabbit)

Skin Corrosion/Irritation

Human experience shows very mild irritation.

Serious Eye Damage/Irritation

Human experience shows very mild irritation.

STOT (Specific Target Organ Toxicity) - Single**Exposure Inhalation**

Harmful A high concentration can displace oxygen in the air. If less oxygen is available to breathe, symptoms such as rapid breathing, rapid heart rate, clumsiness, emotional upsets and fatigue can result. As less oxygen becomes available, nausea and vomiting, collapse, convulsions, coma and death can occur. Symptoms occur more quickly with physical effort. Lack of oxygen can cause permanent damage to organs including the brain and heart.

Skin Absorption

At high concentrations symptoms may include redness, rash, swelling and itching.

Ingestion

Product Identifier: ART-03 / ART-63 Anti-rust Enamel Glossy Neutral, Aluminium Bases

SDS No.: 0214

Page 04 of 07

Date of Preparation: septembre 04, 2018

May be harmful based on human experience and animal tests. (Stoddard solvent)

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause At high concentrations effects on the central nervous system. (Stoddard solvent)

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Titanium dioxide	Group 2B	A4		Listed
COBALT BIS(2-ETHYLHEXANOATE)	Group 2B			
Titanium dioxide	Group 2B	A4		Listed
Titanium dioxide	Group 2B	A4		Listed

Même si le CIRC considère le dioxyde de titane comme un possible cancérigène, leur conclusion est: Il n'y a pas d'exposition significative au dioxyde de titane lorsque que ce dernier est lié à d'autres matériaux, comme pour la peinture.

Key to Abbreviations

Group 2B = Possibly carcinogenic to humans. OSHA = US Occupational Safety and Health Administration. Listed.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

Other Information

None known

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Titanium dioxide	> 1000 mg/L (Pimephales promelas (fathead minnow); 96-hour)		> 61 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)	> 100 mg/L (Daphnia magna (water flea); 48-hour)
Methyl ethyl ketoxime	843 mg/L (Pimephales promelas (fathead minnow); 96-hour; fresh water; static)	201 mg/L (Daphnia magna (water flea); 48-hour; fresh water; static)		11.8 mg/L (Selenastrum capricornutum (algae); 72-hour; fresh water; static)

Product Identifier: ART-03 / ART-63 Anti-rust Enamel Glossy

Neutral, Aluminium Bases

SDS No.: 0214

Page 05 of 07

Date of Preparation: septembre 04, 2018

Titanium dioxide	> 1000 mg/L (Pimephales promelas (fathead minnow); 96-hour)		> 61 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)	> 100 mg/L (Daphnia magna (water flea); 48-hour)
Titanium dioxide	> 1000 mg/L (Pimephales promelas (fathead minnow); 96-hour)		> 61 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)	> 100 mg/L (Daphnia magna (water flea); 48-hour)

Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent.

Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1263	Paint		

Environmental Hazards Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Other Information Not regulated in small containers

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

None known.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 2 Instability - 0
Based on Stoddard solvent

SDS Prepared By Product Stewardship Dept
Phone No. 514-328-2727

Revision Indicators The following SDS content was changed on juin 07, 2018:
 Section 8 - Exposure Controls/Personal Protection; Exposure Guidelines.

References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
 Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available

Product Identifier:	ART-03 / ART-63	Anti-rust Enamel Glossy	Neutral, Aluminium Bases
SDS No.:	0214		Page 06 of 07
Date of Preparation:	septembre 04, 2018		

from Canadian Centre for Occupational Health and Safety (CCOHS).

Product Identifier:	ART-03 / ART-63	Anti-rust Enamel Glossy	Neutral, Aluminium Bases
SDS No.:	0214		Page 07 of 07
Date of Preparation:	septembre 04, 2018		
