

# Safety Data Sheet

According to U.S.A. Federal Hazcom 2012

## 1. Identification

### 1.1. Product identifier

Code: 137700-100047  
Product name: ECOSILICO Finish Alluminio

1.2. Relevant identified uses of the substance or mixture and uses advised against  
Intended use: Water based silicone paint.

### 1.3. Details of the supplier of the safety data sheet

Name: Ti.Pi.Ci. S.a.s.  
Full address: Via Val Lerone, 21  
District and Country: 16011 Arenzano (GE)  
Italy  
Tel. +39 010 9111368  
Fax +39 010 9134188

e-mail address of the competent person

responsible for the Safety Data Sheet  
Supplier:

laboris@tipici.net  
STRAND's Industrial Coatings - 11 East Meadow Lane 50158 Marshalltown, IA 50158 ( )  
(US) - carter@strandsindustrialcoatings.com - Telephone: (641) 752-5451

### 1.4. Emergency telephone number

For urgent inquiries refer to

Centro Antiveleni di Bergamo +39800883300 (Azienda Ospedaliera Papa Giovanni XXII - Bergamo)  
Centro Antiveleni di Firenze +39055/7947819 (CAV Ospedale Careggi - Firenze)  
Centro Antiveleni di Foggia +39800183459 (Az. Osp. Univ. Foggia - Foggia)  
Centro Antiveleni di Milano +3902/66101029 (CAO Ospedale Niguarda Cà Granda - Milano)  
Centro Antiveleni di Napoli +39081/5453333 (CAV Ospedale Cardarelli - Napoli)  
Centro Antiveleni di Pavia +390382/24444 (CAV IRCCS Fondazione Maugeri - Pavia)  
Centro Antiveleni di Roma +3906/3054343 (CAV Policlinico Gemelli - Roma)  
Centro Antiveleni di Roma +3906/49978000 (CAV Policlinico Umberto I - Roma)  
Centro Antiveleni di Roma +3906/68593726 (CAV Osp. Pediatrico Bambino Gesù - Roma)  
Centro Antiveleni di Verona +39800011858 (Azienda Ospedaliera Integrata - Verona)

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet.  
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Classification and Hazard Statement

**137700-100047 - ECOSILICO Finish Alluminio**

## Hazard pictograms:

Flammable liquid, category 4

Combustible liquid.

Reproductive toxicity, category 2

Suspected of  
damaging fertility or  
the unborn child.

Specific target organ toxicity - repeated exposure, category 1

Causes damage to  
organs through  
prolonged or  
repeated exposure.

Eye irritation, category 2

Causes serious eye  
irritation.

Skin sensitization, category 1A

May cause an allergic  
skin reaction.

Signal words:

Danger

## Hazard statements:

**H227**

Combustible liquid.

**H361**

Suspected of damaging fertility or the unborn child.

**H372**

Causes damage to organs through prolonged or repeated exposure.

**H319**

Causes serious eye irritation.

**H317**

May cause an allergic skin reaction.

## Precautionary statements:

## Prevention:

**P210**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P260**

Do not breathe dust / fume / gas / mist / vapours / spray.

**P202**

Do not handle until all safety precautions have been read and understood.

**P201**

Obtain special instructions before use.

**P280**

Wear protective gloves/ protective clothing / eye protection / face protection.

**P270**

Do not eat, drink or smoke when using this product.

**P264**

Wash with fresh water thoroughly after handling.

**P272**

Contaminated work clothing should not be allowed out of the workplace.

## Response:

**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.

**P314**

Get medical advice / attention if you feel unwell.

**P333+P313**

If skin irritation or rash occurs: Get medical advice / attention.

**P337+P313**

If eye irritation persists: Get medical advice / attention.

**P302+P352**

IF ON SKIN: wash with plenty of water / . . .

**P370+P378**

In case of fire: use alcohol-resistant foam, CO2, powders, water spray to extinguish.

**P363**

Wash contaminated clothing before reuse.

## Storage:

**P403+P235**

Store in a well-ventilated place. Keep cool.

**P405**

Store locked up.

## Disposal:

**P501**

Dispose of contents / container to . . .

**2.2. Other hazards**

Information not available

### 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

Identification	Conc. %	Classification:
<b>XYLENE (MIXTURE OF ISOMERS)</b>		
INDEX 601-022-00-9	2.297	Flammable liquid, category 3 H226, Acute toxicity, category 4 H312, Acute toxicity, category 4 H332, Skin irritation, category 2 H315
EC 215-535-7		
CAS 1330-20-7		
<b>QUARTZ</b>	2.063	Specific target organ toxicity - repeated exposure, category 2 H373
EC 238-878-4		
CAS 14808-60-7		
<b>Isotridecanol, ethoxylated</b>		
CAS 9043-30-5	1.085	Acute toxicity, category 4 H302, Serious eye damage, category 1 H318
<b>CALCIUM BIS 2-ETHYLHEXANOATE</b>	0.284	Reproductive toxicity, category 2 H361, Serious eye damage, category 1 H318
EC 205-249-0		
CAS 136-51-6		
REACH Reg. 01-2119978297-19-0000		
<b>COBALT BIS 2-ETHYLHEXANOATE</b>	0.251	Reproductive toxicity, category 2 H361, Eye irritation, category 2 H319, Skin sensitization, category 1 H317, Hazardous to the aquatic environment, acute toxicity, category 1 H400 M=1, Hazardous to the aquatic environment, chronic toxicity, category 3 H412
EC 205-250-6		
CAS 136-52-7		
<b>1H-Imidazole-1-ethanol,2-(8-heptadecen-1-yl)-4,5-dihydro-</b>	0.21	Acute toxicity, category 4 H302, Specific target organ toxicity - repeated exposure, category 2 H373, Skin corrosion, category 1B H314, Serious eye damage, category 1 H318, Hazardous to the aquatic environment, acute toxicity, category 1 H400 M=1, Hazardous to the aquatic environment, chronic toxicity, category 1 H410 M=1
EC 202-414-9		
CAS 95-38-5		
<b>Fatty acids, C14-18 and C16-18-unsatd., maleated</b>	0.126	Skin irritation, category 2 H315, Skin sensitization, category 1 H317
EC 288-306-2		
CAS 85711-46-2		
REACH Reg. 01-2119976378-19-0000		
<b>MALEIC ANHYDRIDE</b>		
INDEX 607-096-00-9	0.002	Acute toxicity, category 4 H302, Specific target organ toxicity - repeated exposure, category 1 H372, Skin corrosion, category 1B H314, Serious eye damage, category 1 H318, Respiratory sensitization, category 1 H334, Skin sensitization, category 1A H317
EC 203-571-6		
CAS 108-31-6		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

## 4. First-aid measures

### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

## 5. Fire-fighting measures

### 5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Chemical powder.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use water.

### 5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

No information available.

### 5.3. Advice for firefighters

GENERAL INFORMATION

Flammable gases develop in contact with water or moisture.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

**6.3. Methods and material for containment and cleaning up**

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

**7. Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Avoid leakage of the product into the environment. Work in adequately ventilated areas. Avoid flames and sparks. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

**7.2. Conditions for safe storage, including any incompatibilities**

Store only in the original container. Keep the product in clearly labelled containers. Keep containers well sealed. Avoid contact with water or that may absorb moisture at all costs. Avoid violent blows. Avoid overheating. Store in a ventilated and dry place, far away from sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

**7.3. Specific end use(s)**

Information not available

**8. Exposure controls/personal protection****8.1. Control parameters**

Regulatory References:

USA	NIOSH-REL	NIOSH publication No. 2005-149, 3th printing, 2007.
USA	OSHA-PEL	Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1-1910.1000.
USA	CAL/OSHA-PEL	California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs).
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2021

**XYLENE (MIXTURE OF ISOMERS)****Threshold Limit Value**

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
OEL	EU	221	50	442	100	SKIN
TLV-ACGIH	-		20			
OSHA	USA	435	100			
CAL/OSHA	USA	435	100	655 (C)	3000 (C)	

**QUARTZ****Threshold Limit Value**

**137700-100047 - ECOSILICO Finish Alluminio**

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	0.1				RESP
TLV-ACGIH	-	0.025				RESP
OSHA	USA	30				INHAL
OSHA	USA	10				RESP
CAL/OSHA	USA	0.3				INHAL
CAL/OSHA	USA	0.1				RESP
NIOSH	USA	0.05				

**COBALT BIS 2-ETHYL HEXANOATE****Threshold Limit Value**

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-	0.02				INHAL

**MALEIC ANHYDRIDE****Threshold Limit Value**

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-	0.01	0.0025			INHAL
OSHA	USA	1	0.25			
CAL/OSHA	USA	0.4	0.1			
NIOSH	USA	1	0.25			

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

**8.2. Exposure controls**

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations.

**HAND PROTECTION**

Protect hands with category III work gloves (OSHA 29 CFR 1910.138).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

**SKIN PROTECTION**

Wear category I professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

**EYE PROTECTION**

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

**RESPIRATORY PROTECTION**

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

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Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84, OSHA 29 CFR 1910.134.

**ENVIRONMENTAL EXPOSURE CONTROLS**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Properties	Value	Information
Appearance	liquid	
Colour	alluminium	
Odour	slightly aromatic	
Odour threshold	not available	
pH	7	
Melting point / freezing point	not available	
Initial boiling point	not available	
Boiling range	not available	
Flash point	67 °C	
Evaporation rate	not available	
Flammability	not available	
Lower inflammability limit	not available	
Upper inflammability limit	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Vapour pressure	not available	
Vapour density	not available	
Relative density	1,2 (+-) 0,05	kg/l
Solubility	miscible with water	
Partition coefficient: n-octanol/water	not available	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
Viscosity	not available	
Explosive properties	not available	
Oxidising properties	not available	

**9.2. Other information**

VOC : 5,88 % - 74,84 g/litre

**10. Stability and reactivity****10.1. Reactivity**

Information not available

#### 10.2. Chemical stability

Information not available

#### 10.3. Possibility of hazardous reactions

The product may react violently with water.

XYLENE (MIXTURE OF ISOMERS)

Stable in normal conditions of use and storage. Reacts violently with: strong oxidants, strong acids, nitric acid, perchlorates. May form explosive mixtures with: air.

#### 10.4. Conditions to avoid

Avoid overheating. Prevent moisture or water from penetrating inside the containers.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

Information not available

## 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on toxicological effects

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

XYLENE (MIXTURE OF ISOMERS)

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; inhalation of ambient air.



**137700-100047 - ECOSILICO Finish Alluminio**Delayed and immediate effects as well as chronic effects from short and long-term exposure

## XYLENE (MIXTURE OF ISOMERS)

Toxic effect on the central nervous system (encephalopathy); irritating for the skin, conjunctiva, cornea and respiratory apparatus.

Interactive effects

## XYLENE (MIXTURE OF ISOMERS)

Intake of alcohol interferes with the metabolism of the substance, inhibiting it. Ethanol consumption (0.8 g/kg) before a 4-hour exposure to xylene vapours (145 and 280 ppm) causes a 50% reduction in the excretion of methyl hippuric acid, whereas the concentration of xylenes in the blood increases approx. 1.5-2 times. At the same time there is an increase in the secondary side effects of the ethanol. The metabolism of the xylenes is increased by phenobarbital and 3-methyl-colantrene type enzyme inducers. Aspirin and xylenes mutually inhibit their conjugation with the glycine, which results in a decrease in urinary excretion of methyl hippuric acid. Other industrial products can interfere with the metabolism of xylenes.

ACUTE TOXICITY

## XYLENE (MIXTURE OF ISOMERS)

LD50 (Oral):	3523 mg/kg Rat
LD50 (Dermal):	4350 mg/kg Rabbit
LC50 (Inhalation vapours):	26 mg/l/4h Rat

## CALCIUM BIS 2-ETHYLHEXANOATE

LD50 (Oral):	2043 mg/kg Rat - Fischer 344
LD50 (Dermal):	> 2000 mg/kg Rat - Wistar

## COBALT BIS 2-ETHYL HEXANOATE

LD50 (Oral):	3129 mg/kg Rat - Sprague-Dawley
LD50 (Dermal):	> 2000 mg/kg Rat - Wistar

## MALEIC ANHYDRIDE

LD50 (Oral):	400 mg/kg Rat
LD50 (Dermal):	610 mg/kg Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Carcinogenicity Assessment:

#### XYLENE (MIXTURE OF ISOMERS)

Classified in Group 3 (not classifiable as a human carcinogen) by the International Agency for Research on Cancer (IARC).  
The US Environmental Protection Agency (EPA) affirms that "the data is inadequate for an assessment of the carcinogenic potential".

#### REPRODUCTIVE TOXICITY

Suspected of damaging fertility or the unborn child

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Causes damage to organs

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

## 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or

contaminate soil or vegetation.

#### 12.1. Toxicity

CALCIUM BIS 2-ETHYLHEXANOATE

LC50 - for Fish	> 100 mg/l/96h <i>Oryzias latipes</i>
EC50 - for Crustacea	910 mg/l/48h <i>Daphnia magna</i>
EC50 - for Algae / Aquatic Plants	49.3 mg/l/72h <i>Desmodesmus subspicatus</i>

COBALT BIS 2-ETHYL HEXANOATE

LC50 - for Fish	275 mg/l/96h <i>Fundulus heteroclitus</i>
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#### 12.2. Persistence and degradability

XYLENE (MIXTURE OF ISOMERS)

Solubility in water	100 - 1000 mg/l
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Rapidly degradable

CALCIUM BIS 2-ETHYLHEXANOATE

Solubility in water	> 10000 mg/l
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Rapidly degradable

COBALT BIS 2-ETHYL HEXANOATE

Solubility in water	> 10000 mg/l
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Rapidly degradable

MALEIC ANHYDRIDE

Solubility in water	> 10000 mg/l
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Entirely degradable

#### 12.3. Bioaccumulative potential

XYLENE (MIXTURE OF ISOMERS)

Partition coefficient: n-octanol/water	3.12
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BCF	25.9
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CALCIUM BIS 2-ETHYLHEXANOATE

Partition coefficient: n-octanol/water	2.96
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MALEIC ANHYDRIDE

Partition coefficient: n-octanol/water	-2.78
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#### 12.4. Mobility in soil

XYLENE (MIXTURE OF ISOMERS)

Partition coefficient: soil/water	2.73
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#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Other adverse effects

Information not available

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number

not applicable

#### 14.2. UN proper shipping name

not applicable

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

#### 14.6. Special precautions for user

not applicable

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Information not relevant

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**U.S. Federal RegulationsTSCA:

All components of this product are listed on US Toxic Substances Control Act (TSCA) Inventory or are exempt from the listing / notification requirements.

Clean Air Act Section 112(b):

1330-20-7	XYLENE (MIXTURE OF ISOMERS)
100-41-4	ETHYLBENZENE
136-52-7	COBALT BIS 2-ETHYL HEXANOATE (Cobalt compounds)

Clean Air Act Section 602 Class I Substances:

No component(s) listed.

Clean Air Act Section 602 Class II Substances:

No component(s) listed.

Clean Water Act –  
Priority Pollutants:

100-41-4	ETHYLBENZENE
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Clean Water Act –  
Toxic Pollutants:

100-41-4	ETHYLBENZENE
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DEA List I Chemicals (Precursor Chemicals):

No component(s) listed.

DEA List II Chemicals (Essential Chemicals):

No component(s) listed.

EPA List of Lists:

313 Category Code:

**137700-100047 - ECOSILICO Finish Alluminio**

7429-90-5

ALUMINIUM POWDER  
(STABILIZED) (Aluminum  
compounds, Aluminun dust)

1330-20-7

XYLENE (MIXTURE OF ISOMERS)

100-41-4

ETHYLBENZENE

136-52-7

COBALT BIS 2-ETHYL HEXANOATE  
(Cobalt compounds)

EPCRA 302 EHS TPQ:

No component(s) listed.

EPCRA 304 EHS RQ:

No component(s) listed.

CERCLA RQ:

1330-20-7

XYLENE (MIXTURE OF ISOMERS)

100-41-4

ETHYLBENZENE

EPCRA 313 TRI:

7429-90-5

ALUMINIUM POWDER  
(STABILIZED) (Aluminum  
compounds, Aluminun dust)

1330-20-7

XYLENE (MIXTURE OF ISOMERS)

100-41-4

ETHYLBENZENE

136-52-7

COBALT BIS 2-ETHYL HEXANOATE  
(Cobalt compounds)

RCRA Code:

1330-20-7

XYLENE (MIXTURE OF ISOMERS)

CAA 112 (r) RMP TQ:

No component(s) listed.

State RegulationsMassachusetts:

12001-26-2

MICA

7429-90-5

ALUMINIUM POWDER  
(STABILIZED) (Aluminum  
compounds, Aluminun dust)

1330-20-7

XYLENE (MIXTURE OF ISOMERS)

14808-60-7

QUARTZ (Quarz dust)

100-41-4

ETHYLBENZENE

Minnesota:

7429-90-5

ALUMINIUM POWDER  
(STABILIZED) (Aluminum  
compounds, Aluminun dust)

1330-20-7

XYLENE (MIXTURE OF ISOMERS)

14808-60-7

QUARTZ (Quarz dust)

100-41-4

ETHYLBENZENE

**137700-100047 - ECOSILICO Finish Alluminio**New Jersey:

12001-26-2	MICA
7429-90-5	ALUMINIUM POWDER (STABILIZED) (Aluminum compounds, Aluminun dust)
1330-20-7	XYLENE (MIXTURE OF ISOMERS)
14808-60-7	QUARTZ (Quarz dust)
100-41-4	ETHYLBENZENE
136-52-7	COBALT BIS 2-ETHYL HEXANOATE (Cobalt compounds)
136-52-7	COBALT BIS 2-ETHYL HEXANOATE (Cobalt compounds)

New York:

1330-20-7	XYLENE (MIXTURE OF ISOMERS)
100-41-4	ETHYLBENZENE

Pennsylvania:

12001-26-2	MICA
7429-90-5	ALUMINIUM POWDER (STABILIZED) (Aluminum compounds, Aluminun dust)
1330-20-7	XYLENE (MIXTURE OF ISOMERS)
14808-60-7	QUARTZ (Quarz dust)
100-41-4	ETHYLBENZENE

California:

12001-26-2	MICA
7429-90-5	ALUMINIUM POWDER (STABILIZED) (Aluminum compounds, Aluminun dust)
1330-20-7	XYLENE (MIXTURE OF ISOMERS)
100-41-4	ETHYLBENZENE

Proposition 65:

WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm.

**100-41-4 ETHYLBENZENE**

	NSRL / MADL (µg/day)				
Hazard type	Oral	Dermal	Inhalation	Intravenous	Note
Carcinogenicity	41		54		-

International RegulationsSubstances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

**137700-100047 - ECOSILICO Finish Alluminio**Substances subject to the Stockholm Convention:

None

National Volatile Organic Compound Emission Standards for Architectural Coatings 40 CFR Part 59

VOC given in g/litre of product in a ready-to-use condition :  
74.84

The coating is to be applied without dilution / thinning.

**16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>H226</b>	Flammable liquid and vapour.
<b>H227</b>	Combustible liquid.
<b>H361</b>	Suspected of damaging fertility or the unborn child.
<b>H302</b>	Harmful if swallowed.
<b>H312</b>	Harmful in contact with skin.
<b>H332</b>	Harmful if inhaled.
<b>H372</b>	Causes damage to organs through prolonged or repeated exposure.
<b>H373</b>	May cause damage to organs through prolonged or repeated exposure.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H334</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H412</b>	Harmful to aquatic life with long lasting effects.

## LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAA 112 @ RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112@)
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)
- CLP: Regulation (EC) 1272/2008
- DEA: Drug Enforcement Administration
- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency
- EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
- EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization



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- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PEL: Predicted exposure level
- RCRA Code: Resource Conservation and Recovery Act Code
- REACH: Regulation (EC) 1907/2006
- REL: Recommended exposure limit
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TSCA: Toxic Substances Control Act
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- WHMIS: Workplace Hazardous Materials Information System.

## GENERAL BIBLIOGRAPHY:

- GHS rev. 3
- The Merck Index. 10th Edition
- Handling Chemical Safety
- Niosh - Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy
- 6 NYCRR part 597
- Cal/OSHA website
- California Safe Drinking Water and Toxic Enforcement Act
- EPA website
- Hazard Communication Standard (HCS 2012)
- IARC website
- List Of Lists EPA: Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112® of the Clean Air Act
- Massachusetts 105 CMR Department of public health 670.000: "Right to Know"
- Minnesota Chapter 5206 Department Of Labor and Industry Hazardous Substances, Employee "Right to Know".
- New Jersey Worker and Community Right to know Act N.J.S.A.
- NTP. 2011. Report on Carcinogens, 12th Edition.
- OSHA website
- Pennsylvania, Hazardous Substance List, Chapter 323

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

## CALCULATION METHODS FOR CLASSIFICATION

Product classification derives from criteria established by the OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200), unless determined otherwise in Section 11 and 12. The data for evaluation of chemical-physical properties are reported in section 9.

## Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 11 / 12 / 15 / 16.