

# ECOSATIN URETHANE ALKYD

## 1 | IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING

### 1.1 | PRODUCT IDENTIFIER

CODE –  
PRODUCT NAME EcoSatin Urethane Alkyd

### 1.2 | RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE & USES ADVISED AGAINST

RELEVANT INTENDED USE Refer to data sheet

### 1.3 | DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

NAME ROMA – Eco-Sustainable Building Technologies  
FULL ADDRESS 554 North Avenue NW, Suite B  
DISTRICT & COUNTRY Atlanta, GA 30318 | United States of America (USA)  
678-905-3700

### 1.4 | EMERGENCY TELEPHONE NUMBER

FOR URGENT INQUIRIES REFER TO Call 911 if you have a poison emergency.  
Call the CDC if swallowed but person is alert 1-800-222-1222

## 2 | HAZARDS IDENTIFICATION

### 2.1 | CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC OR 1999/45/EC

May produce an allergic reaction.

This mixture does not present physical hazards. Refer to the recommendations regarding the other products present on the site.

This mixture does not present health hazards.

This mixture does not present a danger to the environment. No damage to the environment known or expected under normal use.

### 2.2 | LABEL ELEMENTS

The product is classified and labeled according to EC directives or corresponding national laws.

#### LABELING (67/548/EEC OR 1999/45/EC)

##### HAZARD STATEMENTS

Contains EC 205-250-6 BIS (2-ethylhexanoate) DE COBALT. May produce an allergic reaction.

##### SAFETY PHRASES

**S29** Do not empty into drains.

## 2.3 | OTHER HAZARDS

Information not available.

## 3 | COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 | SUBSTANCES

No substance fulfills the criteria set out in Annex II, Part A of the REACH Regulation (EC) n. 1907/2006

### 3.2 | MIXTURES

Chemical Characterization (preparation)

#### DESCRIPTION

Plastic emulsion water paint

IDENTIFICATION		CONC. %	CHEMICAL NO./CLASSIFICATION
<b>ZINC OXIDE</b>			
CAS	215-222-5		
EC	030-013-00		0 <= x % < 1
INDEX	1314-13-2		
<b>NAPHTA LOURD, OIL HYDROTREATED</b>			
CAS	64742-48-9		
EC	649327006		0 <= x % < 1
INDEX	265-150-3		
<b>BIS (2-ETHYLHEXANOATE) OF COBALT</b>			
CAS	136-52-7		
EC	136527		0 <= x % < 1
INDEX	205-250-6		

T+ = Very Toxic (T+), T = Toxic(T), Xn = Harmful (Xn), C = Corrosive (C), Xi = Irritant (Xi), O = Oxidizing (O), E = Explosive(E), F+ = Extremely Flammable(F+), F = Highly Flammable(F), N = Dangerous for the Environment (N)

#### ADDITIONAL INFORMATION

Full text of R-phrases: see section 16.

Full text of H-phrases: see section 16.

## 4 | FIRST AID MEASURES

### 4.1 | DESCRIPTION OF FIRST AID MEASURES

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice.

**AFTER INHALATION**

Toxicological data are not available.

**IN CASE OF SKIN CONTACT**

Toxicological data are not available.

**IN CASE OF EYE CONTACT**

Toxicological data are not available.

**AFTER INGESTION**

Toxicological data are not available.

**4.2 | MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED**

Toxicological data are not available.

**4.3 | INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION & SPECIAL TREATMENT NEEDED**

Toxicological data are not available.

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**5 | FIREFIGHTING MEASURES**

**5.1 | EXTINGUISHING MEDIA**

SUITABLE EXTINGUISHING MEDIA                      Alcohol resistant foam, Carbon dioxide, Powder, spray mist, (water)

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS  
Strong water jet.

**5.2 | SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc.).

**5.3 | ADVICE FOR FIREFIGHTERS**

Provide a conveniently located respiratory protective device.

**ADDITIONAL INFORMATION**

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

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**6 | ACCIDENTAL RELEASE MEASURES.**

**6.1 | PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES**

Ventilate affected area. Do not breathe vapors. See protective measures under point 7 and 8.

**6.2 | ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

### 6.3 | METHODS & MATERIAL FOR CONTAINMENT & CLEANING UP

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

### 6.4 | REFERENCE TO OTHER SECTIONS

Observe protective provisions (see chapter 7 and 8).

## 7 | HANDLING & STORAGE

### 7.1 | PRECAUTIONS FOR SAFE HANDLING

#### ADVICES ON SAFE HANDLING

The usual precautionary measures for handling chemicals should be observed.

#### PRECAUTIONS AGAINST FIRE AND EXPLOSION

No special measures are required.

### 7.2 | CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

#### REQUIREMENTS FOR STOREROOMS AND CONTAINERS

No special measures are required. Keep container tightly closed. Store carefully closed containers upright to prevent any leaks.

#### HINTS ON JOINT STORAGE

Keep away from strongly acidic and alkaline materials as well as oxidizers.

#### FURTHER INFORMATION ON STORAGE CONDITIONS

Keep away from frost! Keep only in the original container in a cool, well-ventilated place. Take care of instructions on label.

### 7.3 | SPECIFIC END USE(S)

Observe technical data sheet. Observe instructions for use.

## 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 | CONTROL PARAMETERS

CAS	TWA	STEL	CEILING	DEFINITION	CRITERIA
1314-13-2	mg/m <sup>3</sup> 2	mg/m <sup>3</sup> 10	–	–	R

#### ADDITIONAL INFORMATION

TWA (EC)	Occupational exposure limit value
STEL (EC)	Short-term occupational exposure limit value

## 8.2 | EXPOSURE CONTROLS

Provide good ventilation.

### RESPIRATORY PROTECTION

No special measures are necessary. Do not inhale vapors or mist.

### HAND PROTECTION

Wear protective gloves. Suitable material: NBR (Nitrile rubber).

### EYE PROTECTION

Wear closely fitting protective glasses in case of splashes.

### PROTECTIVE MEASURES

After contact clean skin thoroughly with water and soap odor use appropriate cleanser.

### ENVIRONMENTAL EXPOSURE CONTROLS

Do not allow to enter into surface water or drains. refer to chapter 7. No further action is necessary.

## 9 | PHYSICAL & CHEMICAL PROPERTIES

### 9.1 | INFORMATION ON BASIC PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	Liquid	
COLOR	Refer to label	
ODOR	Characteristic	
ODOR THRESHOLD	–	
pH	Neutral	
MELTING OR FREEZING POINT	–	
BOILING POINT	–	
DISTILLATION RANGE	–	
FLASH POINT	–	DIN 53213
EVAPORATION RATE	–	
FLAMMABILITY OF SOLIDS & GASES	–	
LOWER INFLAMMABILITY LIMIT	–	
UPPER INFLAMMABILITY LIMIT	–	
LOWER EXPLOSIVE LIMIT	0.8%	Literature Value
UPPER EXPLOSIVE LIMIT	–	Literature Value
VAPOR PRESSURE AT 20°C	– mbar	
DENSITY AT 20°C	– g/cm <sup>3</sup>	DIN 53217
SPECIFIC GRAVITY	1.455 Kg/l	
SOLUBILITY	Partially soluble	
SOLVENT SEPARATION TEST	< 3%	
SOLID CONTENT	69% by Weight	
PARTITION COEFFICIENT: N-OCTANOL/WATER	–	

IGNITION TEMPERATURE	–	
DECOMPOSITION TEMPERATURE	–	
VISCOSITY AT 23°C	15 s 6 mm	DIN 53211
REACTIVE PROPERTIES	–	

## 9.2 | OTHER INFORMATION

VOC (DIRECTIVE 2004/42/EC)	67.00 g/lt	
VOC (VOLATILE CARBON)	–	
ORGANIC SOLVENTS	–	
WATER	Soluble	

## 10 | STABILITY & REACTIVITY

### 10.1 | REACTIVITY

Information not available.

### 10.2 | CHEMICAL STABILITY

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

### 10.3 | POSSIBILITY OF HAZARDOUS REACTIONS

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

### 10.4 | CONDITIONS TO AVOID

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5 | INCOMPATIBLE MATERIALS

Information not available.

### 10.6 | HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous decomposition by products may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke and nitrogen oxides.

## 11 | TOXICOLOGICAL INFORMATION

### 11.1 | INFORMATION ON TOXICOLOGICAL EFFECTS

#### ACUTE TOXICITY

Toxicological data are not available.

#### IRRITANT AND CORROSIVE EFFECTS

Toxicological data are not available.

**SENSITIZATION**

Toxicological data are not available.

**SPECIFIC TARGET ORGAN TOXICITY**

Toxicological data are not available.

**ASPIRATION HAZARD**

Toxicological data are not available.

**CMR EFFECTS (CARCINOGENICITY, MUTAGENICITY AND TOXICITY FOR REPRODUCTION)**

Toxicological data are not available.

**PRACTICAL EXPERIENCE**

Other Observations

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**OVERALL ASSESSMENT ON CMR PROPERTIES**

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

There is no information available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

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## 12 | **ECOLOGICAL INFORMATION**

There is no information available on the preparation itself . Do not allow to enter into surface water or drains.

### 12.1 | **TOXICITY**

Information not available.

### 12.2 | **PERSISTENCE & DEGRADABILITY**

Toxicological data are not available.

### 12.3 | **BIOACCUMULATIVE POTENTIAL**

Toxicological data are not available.

### 12.4 | **MOBILITY IN SOIL**

Toxicological data are not available.

### 12.5 | **RESULTS OF PBT & vPvB ASSESSMENT**

Toxicological data are not available.

### 12.6 | **OTHER ADVERSE EFFECTS**

Toxicological data are not available.

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## 13 | **DISPOSAL CONSIDERATIONS**

### 13.1 | **WASTE TREATMENT METHODS**

#### **APPROPRIATE DISPOSAL / PRODUCT**

##### RECOMMENDATION

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

CONTROL REPORT FOR WASTE CODE / WASTE MARKING ACCORDING TO EAKV

080111

Waste paint and varnish containing organic solvents or other dangerous substances

#### **CONTAMINATED PACKAGING**

##### RECOMMENDATION

Cleaned containers may be recycled. Vessels not properly emptied are special waste.

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## 14 | **TRANSPORT INFORMATION**

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of these transport regulations.

### 14.1 | **UN-NO.**

Information not available.

### 14.2 | **UN PROPER SHIPPING NAME**

Information not available.

### 14.3 | **TRANSPORT HAZARD CLASS(ES)**

Information not available.

### 14.4 | **TRANSPORT HAZARD CLASS(ES)**

LAND TRANSPORT (ADR/RID)	–
SEA TRANSPORT (IMDG)	–
AIR TRANSPORT (ICAO-TI / IATA-DGR)	III

### 14.5 | **ENVIRONMENTAL HAZARDS**

LAND TRANSPORT (ADR/RID)

MARINE POLLUTANT

### 14.6 | **SPECIAL PRECAUTIONS FOR USER**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage. Advices on safe handling: see parts 6 – 8.

#### **FURTHER REMARKS**



**LAND TRANSPORT (ADR/RID)**

TUNNEL RESTRICTION CODE

**SEA TRANSPORT (IMDG)**

EMS-NO.

**14.7 | TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE**

Information not available.

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**15 | REGULATORY INFORMATION**

**15.1 | SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

ACCORDING TO EU-REGULATION 2004/42/EC (APPENDIX II)

EU LIMIT VALUE FOR THIS PRODUCT      Paints and wood stains for interior and exterior  
150 g/lit (2007) / 130 g/lit (2010). This product contains 5.47 g/lit VOC

**NATIONAL REGULATIONS**

INFORMATIONS ON WORKING LIMITATIONS:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

**15.2 | CHEMICAL SAFETY ASSESSMENT**

Chemical safety assessments for substances in this preparation were not carried out.

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**16 | OTHER INFORMATION**

RELEVANT R-AND H-PHRASES (NUMBER AND FULL TEXT):

1. The Merck Index. Ed. 10
2. Handling Chemical Safety
3. Niosh – Registry of Toxic Effects of Chemical Substances
4. INRS – Fiche Toxicologique
5. Patty – Industrial Hygiene and Toxicology
6. N.I. Sax – Dangerous properties of Industrial Materials-7 Ed., 1989

NOTE FOR USERS

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.