

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier	
Name of product	KOUVIDIS, Adhesive and Sealant, different colors (GB) Code-Nr. 6001004
Relevant identified uses of the substance or mixture and uses advised against	1-Component Adhesives and Sealants, permanently elastic
Recommended intended purpose(s)	
Details of the supplier of the safety data sheet	
Manufacturer/distributor	EMM KOUVIDIS S.A. Manufacturer of Plastic Piping Systems VIO.PA. TYLISSOS, Heraklion 715 00, GREECE Tel: +30281083150, Fax: 2810831502 Email: info@kouvidis.gr , web: www.kouvidis.gr
Advice	See distributor details
Emergency telephone number	-
Emergency advice	Poison center, Tel.:+30210 7793777

SECTION 2: Hazards identification

Classification of the substance or mixture	No information available
Label elements	
Labelling according to 67/548/EEC or 1999/45/EC	The product does not require a hazard warning label in accordance with EC directives
Remarks for labelling	Containing: N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction. Safety data sheet available for professional user on request.
Special rules for supplemental label elements for certain mixtures	
Other hazards	
Information pertaining to special dangers for human and environment	Not classified as dangerous preparation according to Directive 1999/45/EC.

SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
1760-24-3	217-164-6	N-(3-(trimethoxysilyl)propyl)ethylenediamine	<2	Xi R41, R43, R52/53
				Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
1760-24-3	217-164-6	N-(3-(trimethoxysilyl)propyl)ethylenediamine		Eye Dam. 1, H318 / Skin Sens. 1, H317 / Aquatic Chronic 3, H412

Description
Sealant

SECTION 4: First aid measures

Description of first aid measures

**General information
In case of inhalation**

Remove moisted clothing immediately.
Ensure of fresh air.
In the event of symptoms refer for medical treatment.

In case of skin contact

Dab affected skin part with a cotton ball or cellulose and wash it afterwards with plenty of water and a mild cleaner.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.
If swallowed by mistake drink plenty of water and seek medical treatment.

**Most important symptoms and effects, both acute and delayed
Indication of any immediate medical attention and special treatment needed**

No information available.

No information available.

SECTION 5: Firefighting measures

**Extinguishing media
Suitable extinguishing media**

Alcohol-resistant foam
Dry powder
Carbon dioxide
Water spray jet
Full water jet

Extinguishing media which must not be used for safety reasons

Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison. In case of fire formation of dangerous gases possible.
Nitrogen gases (NOx)

**Advice for firefighters
Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.
Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangered containers with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

**Methods and material for containment and cleaning up
Reference to other sections**

Take up mechanically and send for disposal.
No information available

SECTION 7: Handling and storage

**Precautions for safe handling
Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Take the usual precautions when handling with chemicals.
Pay attention to general rules of internal fire prevention.

Advice on protection against fire and explosion

Conditions for safe storage, including any incompatibilities
 Requirements for storage rooms and vessels
 Advice on storage compatibility
 Further information on storage conditions

Prevent penetration into the ground.
 Do not store together with food.
 Store closed container at cool and aired place.
 Protect from frost.
 Protect from heat and direct solar radiation. Store container at cool and aired place. Store in a dry place.
 Protect from heat/overheating.

Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

Control parameters
 Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
67-56-1	methanol	8 hours	266	200	EH40/2005
		Short-term	333	250	

Exposure controls
 Respiratory protection
 Hand protection

If ventilation insufficient, wear respiratory protection.
 Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.
 Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min
 safety goggles
 protective clothing
 Do not inhale vapours.
 Keep away from food and drink. Keep separated from food and feed.
 Wash hands before breaks and after work.
 Sufficient ventilation and exhaustion.

Eye protection
 Skin protection
 General protective measures
 Hygiene measures

Additional advice on system design

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form	Colour	Odour
pasty	White	characteristic

Important health, safety and environmental information

	Value	Temperature	Method	Remark
Flash point	>100°C			
Lower explosion limit	not determined			
Upper explosion limit	not determined			
Vapour pressure	< 100 hPa	20°C		
Density	ca. 1,4 g/cm ³	20°C		
Solubility in water				insoluble

Other information

No information available

SECTION 10: Stability and reactivity

Reactivity	No information available.
Chemical stability	No information available.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Liberates methanol in contact with water resp. moisture.
Incompatible materials	
Materials to avoid	Liberates methanol in contact with water resp. moisture. Reactions with acids and strong oxidising agents.
Hazardous decomposition products	Nitrous gases
Thermal decomposition	May form methanol in contact with water / moisture. Remark No decomposition if used as directed.

SECTION 11: Toxicological information

Information on toxicological effects	
Experiences made from practice	Frequent persistent contact with the skin may cause skin irritation.
Additional information	The product is to be handled with the caution usual with chemicals. Other hazardous properties may not be excluded. Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

SECTION 12: Ecological information

Toxicity	No information available.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Results of PBT and vPvB assessment	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
Other adverse effects	
General regulation	Do not allow uncontrolled leakage of product into the environment. Product is not allowed to be discharged into aquatic environment.

SECTION 13: Disposal considerations

Waste treatment methods	
Recommendations for the product	Remove in accordance with local official regulations
Recommendations for packaging	Dispose of according to the local waste regulations

SECTION 14: Transport information

Transport/further information	No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.
Special precautions for user	No information available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC standard
VOC content
Chemical Safety Assessment

0%
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 41 Risk of serious damage to eyes.
R 43 May cause sensitisation by skin contact.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.