

**ADING AD**  
**1000 SKOPJE, R. MAKEDONIJA**  
**Novoselski pat bb**

## MATERIAL SAFETY DATA SHEET

ISSUE 1.0

DATE :11.01.2008

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **ADINGPOKS-K B component**  
Product use: Epoxy sealent  
Manufacturer/Supplier: ADING A.D  
Address/telephone no: ADING AD, Novoselski pat bb  
Skopje,R.Macedonia  
Tel no. ++ 389 2 20 34-800  
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E-mail: ading@ mt.net.mk  
Web site: www.ading.com.mk

### 2.CHEMICAL COMPOSITION/INFORMATION OF THE COMPONENTS

CHEMICAL COMPOSITION:	CAS/EINECS	Concentration	Classification	Risk phrases
Polyamines		25-70 %	C,N	R20/22 R35,R36/38 R43 R51/53

### 3. HAZARD IDENTIFICATION

Main hazards: Causes severe burns  
May cause sensitisation by skin contact  
Harmful by inhalation and if swallowed  
Toxic to aquatic species, may cause long- term adverse effects in the aquatic environment

### 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Wash out mouth with water, and obtain medical attention  
Eye contact: Immediately flood the eye with plenty of water ,holding the eye open.  
Obtain medical attention  
Skin contact: Wash skin with soap and water.  
Remove contaminated clothing as washing proceeds.  
Obtain medical attention if irritation occurs  
Solvents should not be used to clean skin because they may increase the penetration of the material  
Health care facilities: Provide pure water for flooding of eyes/skin.  
Medical recommendation: Provide symptomatic medical treatment

### 5. FIRE FIGHTING MEASURES

Extinguishing media: Use water dust, carbon dioxide, foam, dry chemical  
Extinguishing media-not suitable: Do not use water jet  
Special hazards of product: None assigned

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate protective clothing. Advise authorities Keep away the unnecessary personnel.
Clean up methods:	Small spillages may be flushed with large quantities of water Large spillages should be absorbed with inert material (sand, earth)
Environmental Precautions:	Try to prevent the material from entering drains or water courses unless transferred into suitable containers for recovery

## 7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing
Storage:	Storage area should be cool, dry, ventilated out of direct sunlight Storage temperature should be controlled to between 5 and 25°C Store in the original container securely closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering control measures:	Use of the basic principles of industrial hygiene will enable this material to be used safely. Provide closed containers
Respiratory protection:	Required
Personal protection:	General protection and precautions
Hand protection:	Wear suitable impervious gloves
Eye protection:	Wear safety glasses
Body protection:	Wear protective clothing
Skin protection:	Wash hands and face before break..

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	viscous compound
Odour:	ammonia
Relative density:	0,95 -1,05 g/cm <sup>3</sup>
Solubility – water:	insoluble

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Hazardous polymerization:	None under normal conditions
Hazardous decomposition products:	Heating may produce: oxides of carbon, oxides of nitrogen, ammonia, acrid smoke and irritating fumes
Conditions to avoid:	Extremes of temperatures

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Low order of acute toxicity
Eye irritation:	Liquid and fumes may cause irritation
Skin irritation:	Prolonged skin contact may cause irritation
Sensitization-skin:	This material is corrosive to the skin The possibility of allergic sensitization should be considered

## 12. ECOLOGICAL INFORMATION

Mobility:	Insoluble in water
Persistence/degradability:	The product is expected to be not readily biodegradable
Eco toxicity:	This material is harmful to aquatic species

## 13. DISPOSAL

Product disposal:	Hazardous waste Arrange for disposal via a licensed waste contractor
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Container disposal: Dispose of containers with care  
Empty containers may contain hazardous residues

#### 14. TRANSPORT INFORMATION

UN:	UN number	1760
UN:	Class:	8
UN:	Packing group	2
ADR/RID	Number	1760
ADR/RID	Item number	66(c) Class C(9)
ADR/RID	Class	8
IMDG	Packing group	2
IMDG	Class	39
IMDG	Ems number	F-E,S-C
IATA	Class	8
IATA	Class	2

#### 15. REGULATORY INFORMATION

Label requirements: Corrosive, Harmful for the environment



Risk phrases: R 35, Causes severe burns  
R 36/38, Irritating to eyes and skin  
R 43, May cause sensitisation by skin contact  
R 20/22, Harmful by inhalation and if swallowed  
R51/53, Toxic to aquatic species, may cause long term adverse effects in the aquatic environment

Safety phrases: S24/25, Avoid contact with skin Irritating to eyes and skin  
S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36/37/39, Wear suitable protective clothing, gloves and eye/face protection

#### 16. OTHER INFORMATION

Reason for Issue: New format

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.