



# Safety Data Sheet

Fecha: 24/May/2016

COMMERCIAL PRODUCT NAME: TECHMO ADICOM

## 1. IDENTIFICATION OF PREPARATION AND COMPANY

Trade name:	TECHMO ADICOM
Manufacturer/Supplier:	TÉCNICAS DE HORMIGÓN Y MORTEROS S.L.
Address:	C/ Las Mimosas, Fase 1, Nave 35A-35B Polígono Industrial de Arinaga. 35118 Agüimes - Gran Canaria
Phone:	928 18 93 55/56
Fax	928 18 80 41
Emergency Phone:	91 562 04 20 (National Institute of Toxicology)

## 2.- HAZARDS IDENTIFICATION

### 2.1 Risk and Danger Characteristics:

Risk or Danger symbol: Xi (irritant)

R 36/37/: Irritant to skin and eyes

R 43: Possible irritation or sensitivity to skin

### 2.2 Main Ways of Entry

Inhalation: Is not a main way of direct entry.

Skin-Eyes: Yes, with direct contact with skin or eyes.

Ingestion: Si, por contacto con la boca.

### 2.3 Possible Harmful Effects

Eyes: Direct contact with eyes can cause serious harm and potential sight loss.

Skin: Continuous contact with skin can cause irritation or itching. Prolonged contact can cause dermatitis.

Ingestion: Can cause severe and permanent harm to the digestive tract.

### 2.4 Environment

Techmo Adicom Does not pose any risk when handled accordingly.

## 3.- COMPOSITION/INFORMATION ON INGREDIENTS

Techmo Adicom is a balanced mixture composed of specific solvents, tensoactives, chelate promoters and antipolymerizing agents.

## 4.- FIRST AID MEASURES

Have this MSDS at hand when contacting a doctor.

### 4.1 Eyes:

Do not rub eyes to avoid harm to the cornea. Rinse immediately with plenty of water and if possible with steril physiological serum (0.9% steril sodium chloride) for 15 minutes. Consult with an eye doctor immediately.

### 4.2 Skin:

In case of contact with skin wash with plenty of water. Remove and clean any clothing, shoes, jewelry etc. before wearing again. Seek medical assistance if there is irritation or burning.

### 4.3 Ingestión:

Do not provoke vomit. If the person is conscious, rinse mouth to eliminate material or dust, drink plenty of water (at least one liter) and consult a doctor immediately.



# Safety Data Sheet

Fecha: 24/May/2016

## COMMERCIAL PRODUCT NAME: TECHMO ADICOM

### 5.- FIRE FIGHTING MEASURES

#### 5.1 General Information:

Techmo Adicom is non flammable and non explosive, does not aid or fuel combustion of other materials.

#### 5.2 Fire Protection Equipment:

In case of fire use pressurized respiration equipment approved by MSHA/NIOSH. Use carbon dioxide or dry chemical fire extinguishers. Contact the fire department immediately. Cool containers with plenty of water once the fire is extinguished.

#### 5.3 Anti-Flamability Limits:

Does not apply.

### 6.- MEASURES IN CASE OF ACCIDENTAL SPILLAGE

#### 6.1 General Information:

Use personal protection equipment as described in section 8.2 and follow directions from section 7.

#### 6.2 Spills/Leaks:

Avoid the product from reaching sewage or water that will end up in a river. Pick up any leak or spill immediately by following instruction from section 8.2. Provide adequate ventilation in case of accident indoors. Use water spray to control any vapors. Cover the spill or leak with dirt, sand, or any other non flammable material, cover with plastic to avoid dispersion. Keep any kind of flammable material like paper, wood, oil, gas, etc away from the spill.

#### 6.3 Cleaning Method:

Pick up spilled material if possible and reuse it. On the contrary, pick up material with a plastic shovel and place inside a clean and dry plastic drum or container (for example a thick plastic bag) and dispose accordingly. Follow instructions from sections 5.2, 6.2, 7, and 8.2.

### 7.- HANDLING AND STORAGE

Do not handle or store this product near food, drink or tobacco.

#### 7.1 Handling

Follow instructions in section 8. to clean a spill see section 6.3.

#### 7.2 Storage

Keep containers closed when not in use to avoid contamination.

### 8.- EXPOSURE CONTROLS. PERSONAL PROTECTION MEASURES.

#### 8.0 Engineering Controls

Product storage area must have an eye flushing station and safety shower. The product must be placed in a dry, cool, well ventilated place away from non compatible substances such as acids, strong alkali substances, reducing or oxidizing agents. Store the product away from contaminated areas.

#### 8.1. Exposure Limits

Maximum exposure time 4 hours.

Skin: Severe Irritation.

Eyes: Severe Irritation.

#### 8.2. Personal/Professional Exposure Control

General Information:

Do not consume food, drink or smoke while working with the product. Avoid contact with the skin or accidental ingestion.

#### Personal Protection Equipment

Eyes:

Use eye personal protection equipment for chemical products as described in the OSHA standards section 29 CFR 1910.133 or European Standard EN 166.

## COMMERCIAL PRODUCT NAME: TECHMO ADICOM

### Skin:

Use water, abrasive, acid, alkali proof gloves, skid proof, steel toe boots, long sleeves, coveralls, etc.

Special attention must be paid to prevent the material from getting inside boots. Once finished working with the material, workers must wash hands, face, body or shower to eliminate any remaining residue. It is recommended to use moisturizing lotions to avoid skin dryness. Remove any contaminated clothing and wash thoroughly before using again.

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Product Description:

Dark Colored Suspension

Estimated NFPA Index: Health: 0 Flammability: 1 Reactivity: 0

- Viscosity @ 37.8° C (100° F)	120-140sus	D-88
- Density @ 25° C	0,800-0,900 Kg/Liter.	D-1298
- Ignition Temperature	75- 85° C	D-92
- Lead	Less than 2 ppm	D-5863
- Chromium	Less than 2 ppm	D-5863
- Sodium (Na % by weight)	0.53	D-5863

## 10.- STABILITY AND REACTIVITY

### 10.1. Chemical Stability

Techmo Adicom is stable at room temperature. See section 7.

### 10.2. Conditions to Avoid

Non-compatible materials, ignition sources, metals, excessive heat, explosive materials, oxidizing or reducing agents, aminas, alcalis, acids, organic materials. Excessive humidity loss could cause quality problems for the product.

### 10.3. Dangerous materials during decomposition or polymerization of the product.

Non known at this time.

## 11.- TOXICOLOGY INFORMATION

### 11.1. Acute Effects

Accute Dermal Toxicity:: DL50 on rats  
Dose: 5.001 mg / kg

Acute oral toxicity: DL50 rabbit  
Dose: 2.001 mg / kg

Acute inhalation toxicity: CL50 rata  
Dose: 7,64 mg / L

### Ingestion:

Do not force vomit. If the person is conscious rinse mouth to eliminate material or dust. Drink plenty of water (at least one liter) and consult a doctor immediately.

### 11.2 Eyes and Skin

Direct contact with eyes can cause harm to the cornea if rubbed, irritation or immediate or delayed swelling. Direct contact with skin can cause dermatitis.

### 11.3. Chronic Effects

Carcinogenicity: There is no evidence at this time.

### 11.4. Exacerbation of previous illness from exposure to the product

No data available.

## COMMERCIAL PRODUCT NAME: TECHMO ADICOM

### 12.- ENVIRONMENTAL INFORMATION

#### 12.1. Eco-toxicity

No data available.

### 13.- RELATIVE CONSIDERATIONS FOR PRODUCT DISPOSAL

Disposal company must determine if the material being disposed should be classified as toxic or dangerous.

It is recommended to follow the EPA guides as mentioned in section 40 CFR part 261.3. They must also meet and follow local, state, and federal laws and regulations.

Series RCRA P- Non listed

Series RCRA U Non listed

### 14.- TRANSPORTATION INFORMATION

#### US DOT

Shipping name: Techmo Adicom

Techmo Adicom is not considered a dangerous material according to International Transportation Authorities like IMDG, IATA, ADR/RID.

Secondary Risk: None

United Nations: Not regulated

Storage Containers: 1,000 liter containers (1 M<sup>3</sup>) dimensions (1mx1mx1m)

NFPA: Values: Health: 0 Flamability: 1 Reactivity: 0

Reference: (NOM-002-SCT2-1994)f

### 15.- REGULATION INFORMATION

FLAMABILITY (RED)= 1

HEALTH (BLUE) = 0

REACTIVITY (YELLOW)= 0

SPECIAL RISKS(WHITE)= DOES NOT APPLY



### 16.- NOMENCLATURE AND SYMBOLOGY FOR DANGEROUS MATERIALS

#### Symbols/Nomenclature

Xi	Irritant
Xn	Harmful
T	Toxic
N	Environmental risk
R36	Irritant for the eyes
R52/53	Harmful for aquatic life
R41	Risk of severe eye injury
R22	Toxic if ingested
R38	Skin irritant
R48/22	Harmful: Serious long term effects due to prolonged exposure through ingestion
R23/24/25	Toxic when inhaled, ingested, or skin contact



# Safety Data Sheet

Fecha: 24/May/2016

**COMMERCIAL PRODUCT NAME: TECHMO ADICOM**

R34 Burns the skin  
R43 Possible skin irritant  
R50/53 Very toxic for aquatic life. Serious long term effects to aquatic organisms.

**NOTE:**

The information and technical data presented are for guidance purposes and are subject to modification without notice. This information is based on data and knowledge known to be true and correct. We however don't have any control over the conditions under which our products are transported, stored, handled or used by our clients. For this reason our guarant5y is limited to quality of the prduct. No information or recommendation should be interpreted to violate any current disposition or law.