

# Electrodag 1415 M

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Identification of the substance or preparation

- product name : Electrodag 1415 M
- product code : 5-1570-0 20

### 1.2 Use of the substance/preparation

- chemical description : Pigment in solvent.
- application : Electrical conductive coating.

### 1.3 Company/undertaking identification

- manufacturer : **Acheson Colloiden B.V.**  
Outside the Netherlands Acheson Colloiden B.V. is the representative of Acheson Industries (Europe) Limited, Reading-UK.
- suppliers address : **Postbox 1, 9679 ZG SCHEEMDA, The Netherlands.**  
Telephone: +31 (0)597 670500, Fax: +31 (0)597 670599.

- 1.4 Emergency telephone : In case of emergency please contact the Dutch National Poison Control, telephone number: +31 (0)30 2748888.  
(This number is only accessible to physician treating the patient and only in case of accidental poisoning).

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The full text of the R-phrases will be listed in Chapter 16.

Hazardous substances	CAS No	EC No	Content %	Symbol(s)	R-phrases
4-methylpentan-2-one	108-10-1	203-550-1	25-50	F + Xn	11-20-36/37-66

### 3. HAZARDS IDENTIFICATION

#### 3.1 Risk for human

- **ways of exposure** : Skin contact. The substance may be absorbed into the body by inhalation, ingestion and through the skin. Formation of product mist when applied by spray, which could be inhaled.

- **hazards identification** : The substance is flammable (R-phrase in Chapter 15). The substance is harmful by inhalation and is irritating to eyes and respiratory system. High concentrations will cause narcotic effects. Repeated exposure may cause skin dryness or cracking.

**3.2 Risk for the environment** : Product contains solvent(s).

### 4. FIRST AID MEASURES

**4.1 Inhalation** : Fresh air. If person feels unwell seek medical advice.

**4.2 Eyes contact** : Rinse immediately with water. Eye bath advisable. If irritation persists seek medical advice.

**4.3 Skin contact** : Treat with a suitable cleaner and wash afterwards with water and soap. If irritation persists seek medical advice.

**4.4 Ingestion** : Wash mouth out with water. Give water to drink. Do not induce vomiting, seek medical advice.

## 5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguisher** : Water mist, powder, carbon dioxide or foam.
- 5.2 Unsuitable extinguisher** : Full water jet.
- 5.3 Risk** : No special instructions.
- 5.4 Special outfit** : Use chemical protection suit and a self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal instructions** : Avoid skin-, eye contact and inhalation. Ventilate well. No open flames or ignition sources.
- 6.2 Environmental instructions** : Prevent substance entering soil, surface waters, water courses, sewers, basements and workpits.
- 6.3 Cleaning methods** : Absorb in earth, sand or other suitable material, collect in a suitable container and remove to a safe place. Clean well to avoid slippages.

## 7. HANDLING AND STORAGE

- 7.1 Handling** : Do not breathe vapour and ensure adequate ventilation. Avoid unnecessary contact. Use protective gloves. No open flames, no smoking.
- 7.2 Storage** : Fireproof. Keep at temperatures not exceeding 30°C.
- 7.3 Specific use(s)** : No special instructions.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values:

\* MAC-value in mg/m<sup>3</sup>

<u>Hazardous substances</u>	<u>Index No</u>	<u>MAC TGG 8 in ppm</u>
4-methylpentan-2-one	606-004-00-4	25

### 8.2 Occupational exposure controls:

- **Respiratory protection** : Do not breathe spray and vapour. Ventilation via local exhaust. In case of insufficient ventilation in closed rooms, wear suitable respiratory equipment.
- **Hand protection** : Use protective gloves.
- **Eye protection** : Safety goggles giving full protection to eyes.
- **Skin protection** : Wear suitable protective clothing.

8.3 Environmental exposure controls : No data available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical form : Silver-coloured fluid
- 9.2 Odour : Solvent
- 9.3 pH : Not applicable
- 9.4 Viscosity : Low
- 9.5 Boiling point (range) °C : 116
- 9.6 Melting point (range) °C : Not applicable
- 9.7 Flash point °C : + 14
- 9.8 Autoignition temperature °C : > 400
- 9.9 Explosive limits in air vol. % : 1.2 - 8
- 9.10 Oxidising properties : None
- 9.11 Vapour pressure 20 °C mbar : 7
- 9.12 Density kg/m<sup>3</sup> : 1630
- 9.13 Solubility in water : Insoluble

## 10. STABILITY AND REACTIVITY

- 10.1 Circumstances to be avoided** : No special instructions.
- 10.2 Substances to be avoided** : Strong oxidants.
- 10.3 Hazardous decomposition product(s)** : No decomposition under normal circumstances.

## 11. TOXICOLOGICAL INFORMATION

The substance is harmful by inhalation. Irritating to eyes and respiratory tract. Product contains solvent(s). High concentrations will cause narcotic effects. Repeated exposure may cause skin dryness or cracking.

## 12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains and surface waters. Contaminated waste water should be treated in a suitable cleaning plan

## 13. DISPOSAL CONSIDERATIONS

Treat as a chemical waste in accordance with legal regulations or common industrial practice.

- List of wastes (conform Directive 2001/118/EC) : 08 01 11

## 14. TRANSPORT INFORMATION



- road / sea : UN-Nr. : 1263 Paint

Class : 3  
Packing group : II  
Tremcard : 30GF1-I+II  
EmS No. : F-E, S-E  
Marine pollutant : No

- air : UN-Nr. : 1263 Paint

Class : 3  
Packing group : II

## 15. REGULATORY INFORMATION

- 15.1 R-phrases : 11 Highly flammable  
20 Harmful by inhalation  
36/37 Irritating to eyes and respiratory system  
66 Repeated exposure may cause skin dryness or cracking
- 15.2 S-phrases : 16 Keep away from sources of ignition - No smoking  
23E Do not breathe vapour and spray.  
24 Avoid contact with skin  
38 In case of insufficient ventilation, wear suitable respiratory equipment  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- 15.3 Symbol(s) : F Xn
- |  |  |
|--|--|
|  |  |
| Highly flammable   | Harmful  |
- 15.4 Contains : 4-methylpentan-2-one

## 16. OTHER INFORMATION

The full text of the R-phrases which are not mentioned in Chapter 15:

None

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The most essential changes in this issue no. are in the chapters: 3, 11, 15.

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The above information is meant purely as a product description with regard to health, safety and environment. It should therefore not be used as a technical specification for the product. It is based on the current state of our knowledge and understanding. We cannot guarantee that all the information in this safety data sheet is totally correct and complete. It remains the responsibility of the user to ensure that he uses the product with due care and applies it in accordance with local law regulations.