

# MATERIA PRO WOOD - Activator A

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1. Product Identifier

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Product name</b>         | MATERIA PRO WOOD - ACTIVATOR A |
| <b>Synonyms</b>             | Not Available                  |
| <b>Proper shipping name</b> | Not Applicable                 |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| <b>Relevant identified uses</b> | Professional / Consumer                     |
| <b>Uses advised against</b>     | Use according to manufacturer's directions. |

### 1.3. Details of the manufacturer/importer

|                                |                                             |
|--------------------------------|---------------------------------------------|
| <b>Registered company name</b> | ACM ITALY S.r.l.                            |
| <b>Address</b>                 | Via Enrico Mattei, 8 – 20010 Casorezzo (MI) |
| <b>Telephone</b>               | +39 02 90 36 11 48                          |
| <b>Website</b>                 | www.materia-italy.com                       |
| <b>Email</b>                   | laboratorio@acm-italy.com                   |

### 1.4. Emergency telephone number

|                                    |                    |
|------------------------------------|--------------------|
| <b>Emergency telephone numbers</b> | +39 02 90 36 11 48 |
|------------------------------------|--------------------|

## SECTION 2 HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

|              | Min | Max |
|--------------|-----|-----|
| Flammability | 0   |     |
| Toxicity     | 0   |     |
| Body Contact | 2   |     |
| Reactivity   | 0   |     |
| Chronic      | 0   |     |

= 0 Minimum  
 1 = Low  
 2 Moderate  
 3 = High  
 4 = Extreme

**DSD classification** In case of mixtures, classification has been prepared by following DPD (Directive 1999/45/EC) and CLP Regulation (EC) No 1272/2008 regulations

**DPD classification** Not Classified

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Classification according to regulation (EC) No 1272/2008 [CLP]

Eye Irritation Category 2

## 2.2. Label elements

CLP label elements



SIGNAL WORD **WARNING**

### Hazard statement(s)

**H319** Causes serious eye irritation

### Supplementary statement(s)

Not Applicable

### Precautionary statement(s) Prevention

**P264** Wash hands thoroughly after handling.

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary statement(s) Response

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313** If eye irritation persists get medical advice/attention.

### Precautionary statement(s) Storage

Not Applicable

### Precautionary statement(s) Disposal

Not Applicable

### DSD / DPD label elements

Not Applicable

Relevant risk statements are found in section 2.1

Indication(s) of danger

**SAFETY ADVICE**  
**S02**

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## 2.3. Other hazards

Not Applicable

Not Applicable

Keep out of reach of children.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1. Substances

See 'Composition on ingredients' in Section 3.2

### 3.2. Mixtures

| 1.CAS No   |           |      | Classification according to | Classification according to regulation |
|------------|-----------|------|-----------------------------|----------------------------------------|
| 2.EC No    | %[weight] | Name |                             |                                        |
| 3.Index No |           |      | directive                   | (EC) No 1272/2008 [CLP]                |
| 4.REACH No |           |      | 67/548/EEC [DSD]            |                                        |

Continued...

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|                                                                                                           |      |                                       |                    |                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------|------|---------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.12125-02-9<br>2.Not Applicable<br>3.Not Applicable<br>4.01-2119489385-24-XXXX,<br>01-2119487950-27-XXXX | 5-15 | <a href="#">ammonium<br/>chloride</a> | R22, R36           | Acute Tox. , Eye Irrit. ; H302, H319                                                                                                                                                                                                    |
| 1.50-00-0<br>2.200-001-8<br>3.605-001-00-5<br>4.01-2119513723-45-XXXX,<br>01-2119488953-20-XXXX           | <0.1 | <a href="#">formaldehyde.</a>         | R43, R40, R34, R41 | Acute Toxicity (Oral, Dermal and Inhalation)<br>Category 3, Skin Corrosion/Irritation Category<br>1A, Serious Eye Damage Category 1, Skin<br>Sensitizer Category 1, Carcinogen Category<br>2; H301+H311+H331, H314, H318, H317,<br>H351 |

## SECTION 4 FIRST AID MEASURES

### 4.1. Description of first aid measures

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | If this product comes in contact with the eyes:<br><ul style="list-style-type: none"> <li>„Wash out immediately with fresh running water.</li> <li>„Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>„Seek medical attention without delay; if pain persists or recurs seek medical attention. „Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul> |
| <b>Skin Contact</b> | If skin or hair contact occurs:<br><ul style="list-style-type: none"> <li>„Flush skin and hair with running water (and soap if available).</li> <li>„Seek medical attention in event of irritation.</li> </ul>                                                                                                                                                                                                                                                                                                             |
| <b>Inhalation</b>   | „If fumes, aerosols or combustion products are inhaled remove from contaminated area. „Other measures are usually unnecessary.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Ingestion</b>    | „Immediately give a glass of water.<br><ul style="list-style-type: none"> <li>„First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>                                                                                                                                                                                                                                                                                                                              |

### 4.2 Most important symptoms and effects, both acute and delayed

|                |
|----------------|
| See Section 11 |
|----------------|

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

### 5.1. Extinguishing media

|                                                                         |
|-------------------------------------------------------------------------|
| „There is no restriction on the type of extinguisher which may be used. |
|-------------------------------------------------------------------------|

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## 5.2. Special hazards arising from the substrate or mixture

|                             |             |
|-----------------------------|-------------|
| <b>Fire Incompatibility</b> | None known. |
|-----------------------------|-------------|

## 5.3. Advice for firefighters

|                              |                                                                  |
|------------------------------|------------------------------------------------------------------|
| <b>Fire Fighting</b>         | ,Alert Fire Brigade and tell them location and nature of hazard. |
| <b>Fire/Explosion Hazard</b> | ,Non combustible.                                                |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

|  |               |
|--|---------------|
|  | See section 8 |
|--|---------------|

### 6.2. Environmental precautions

|  |                |
|--|----------------|
|  | See section 12 |
|--|----------------|

Continued...

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## 6.3. Methods and material for containment and cleaning up

|                     |                                    |
|---------------------|------------------------------------|
| <b>Minor Spills</b> | , Clean up all spills immediately. |
| <b>Major Spills</b> | Moderate hazard.                   |

## 6.4. Reference to other sections

|  |                                                                             |
|--|-----------------------------------------------------------------------------|
|  | Personal Protective Equipment advice is contained in Section 8 of the MSDS. |
|--|-----------------------------------------------------------------------------|

## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

|                                      |                                                     |
|--------------------------------------|-----------------------------------------------------|
| <b>Safe handling</b>                 | , Avoid all personal contact, including inhalation. |
| <b>Fire and explosion protection</b> | See section 5                                       |
| <b>Other information</b>             |                                                     |

### 7.2. Conditions for safe storage, including any incompatibilities

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable container</b>      | , Polyethylene or polypropylene container.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage incompatibility</b> | <p>Ammonium chloride:</p> <ul style="list-style-type: none"> <li>, can be self-reactive - explosion may occur when closed containers are opened after long storage</li> <li>, may react violently with water producing heat and hydrogen chloride</li> <li>, reacts violently with boron trifluoride, boron pentafluoride, bromine trichloride, bromine trifluoride, iodine heptafluoride, potassium chlorate</li> <li>, reacts with alkalis to produce toxic fumes of ammonia</li> <li>, reacts with most common metals, silver and silver compounds</li> <li>, mixtures with hydrogen cyanide may form explosive nitrogen trichloride</li> <li>, is incompatible with alkalis, alkali carbonates, acids, salts of lead or silver , may produce fumes which corrode metals under fire conditions.</li> </ul> |

### PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

### 7.3. Specific end use(s)

See section 1.2

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

#### DERIVED NO EFFECT LEVEL (DNEL)

Not Available

#### PREDICTED NO EFFECT LEVEL (PNEC)

Not Available

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## OCCUPATIONAL EXPOSURE LIMITS (OEL)

### INGREDIENT DATA

| Source                              | Ingredient        | Material name           | TWA                           | STEL                          | Peak          | Notes         |
|-------------------------------------|-------------------|-------------------------|-------------------------------|-------------------------------|---------------|---------------|
| UK Workplace Exposure Limits (WELs) | ammonium chloride | Ammonium chloride, fume | 10 mg/m <sup>3</sup>          | 20 mg/m <sup>3</sup>          | Not Available | Not Available |
| UK Workplace Exposure Limits (WELs) | formaldehyde.     | Formaldehyde            | 2.5 mg/m <sup>3</sup> / 2 ppm | 2.5 mg/m <sup>3</sup> / 2 ppm | Not Available | Not Available |

### EMERGENCY LIMITS


| Ingredient        | Material name     | TEEL-1               | TEEL-2               | TEEL-3                |
|-------------------|-------------------|----------------------|----------------------|-----------------------|
| ammonium chloride | Ammonium chloride | 20 mg/m <sup>3</sup> | 41 mg/m <sup>3</sup> | 330 mg/m <sup>3</sup> |

Continued...

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| Ingredient        | Original IDLH | Revised IDLH  |
|-------------------|---------------|---------------|
| ammonium chloride | Not Available | Not Available |
| formaldehyde.     | 30 ppm        | 20 ppm        |

## 8.2. Exposure controls

|                                                |                                                                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>8.2.1. Appropriate engineering controls</b> | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.                                                    |
| <b>8.2.2. Personal protection</b>              |                                                                          |
| <b>Eye and face protection</b>                 | , Safety glasses with side shields.                                                                                                                       |
| <b>Skin protection</b>                         | See Hand protection below                                                                                                                                 |
| <b>Hands/feet protection</b>                   | The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. |
| <b>Body protection</b>                         | See Other protection below                                                                                                                                |
| <b>Other protection</b>                        | , Overalls.                                                                                                                                               |
| <b>Thermal hazards</b>                         | Not Available                                                                                                                                             |

### Recommended material(s)

#### GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the: **'Forsberg Clothing Performance Index'**.

The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection: formaldehyde.

| Material         | CPI |
|------------------|-----|
| NEOPRENE         | A   |
| NEOPRENE/NATURAL | A   |
| NITRILE          | A   |
| PE               | A   |
| PE/EVAL/PE       | A   |
| PVC              | A   |
| TEFLON           | A   |
| VITON            | A   |

|                  |   |
|------------------|---|
| NATURAL RUBBER   | B |
| NATURAL+NEOPRENE | B |

\* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion  
**NOTE:** As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

\* Where the glove is to be used on a short term, casual or infrequent basis, factors such as 'feel' or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

### 8.2.3. Environmental exposure controls

See section 12



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## Respiratory protection

Type BAX Filter of sufficient capacity.

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the 'Exposure Standard' (or ES), respiratory protection is required.

Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

| Required Minimum Protection Factor | Half-Face Respirator | Full-Face Respirator | Powered Air Respirator |
|------------------------------------|----------------------|----------------------|------------------------|
|                                    |                      |                      |                        |

|                |         |                   |                        |
|----------------|---------|-------------------|------------------------|
| up to 10 x ES  | BAX-AUS | -                 | BAX-PAPR-AUS / Class 1 |
| up to 50 x ES  | -       | BAX-AUS / Class 1 | -                      |
| up to 100 x ES | -       | BAX-2             | BAX-PAPR-2 ^           |

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E =Sulfur dioxide(SO<sub>2</sub>), G = Agricultural chemicals, K = Ammonia(NH<sub>3</sub>), Hg =Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling pointorganic compounds(below 65 degC)

Continued...

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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|                                                     |               |                                                |               |
|-----------------------------------------------------|---------------|------------------------------------------------|---------------|
| <b>Appearance</b>                                   | Colorless     |                                                |               |
| <b>Physical state</b>                               | Liquid        | <b>Relative density (Water = 1)</b>            | Not Available |
| <b>Odour</b>                                        | Lavender      | <b>Partition coefficient n-octanol / water</b> | Not Available |
| <b>Odour threshold</b>                              | Not Available | <b>Auto-ignition temperature (°C)</b>          | Not Available |
| <b>pH (as supplied)</b>                             | 4.8 - 5.5     | <b>Decomposition temperature</b>               | Not Available |
| <b>Melting point / freezing point (°C)</b>          | Not Available | <b>Viscosity (cSt)</b>                         | 2.500 - 500   |
| <b>Initial boiling point and boiling range (°C)</b> | Not Available | <b>Molecular weight (g/mol)</b>                | Not Available |
| <b>Flash point (°C)</b>                             | Not Available | <b>Taste</b>                                   | Not Available |
| <b>Evaporation rate</b>                             | Not Available | <b>Explosive properties</b>                    | Not Available |
| <b>Flammability</b>                                 | Not Available | <b>Oxidising properties</b>                    | Not Available |
| <b>Upper Explosive Limit (%)</b>                    | Not Available | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available |
| <b>Lower Explosive Limit (%)</b>                    | Not Available | <b>Volatile Component (%vol)</b>               | Not Available |
| <b>Vapour pressure (kPa)</b>                        | Not Available | <b>Gas group</b>                               | Not Available |
| <b>Solubility in water (g/L)</b>                    | Immiscible    | <b>pH as a solution(1%)</b>                    | Not Available |
| <b>Vapour density (Air = 1)</b>                     | 1.024         | <b>VOC g/L</b>                                 | 0.7689        |

### 9.2. Other information

|  |               |
|--|---------------|
|  | Not Available |
|--|---------------|

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## SECTION 10 STABILITY AND REACTIVITY

|                                                 |                                                       |
|-------------------------------------------------|-------------------------------------------------------|
| <b>10.1.Reactivity</b>                          | See section 7.2                                       |
| <b>10.2.Chemical stability</b>                  | , Unstable in the presence of incompatible materials. |
| <b>10.3. Possibility of hazardous reactions</b> | See section 7.2                                       |
| <b>10.4. Conditions to avoid</b>                | See section 7.2                                       |
| <b>10.5. Incompatible materials</b>             | See section 7.2                                       |
| <b>10.6. Hazardous decomposition products</b>   | See section 5.3                                       |

## SECTION 11 TOXICOLOGICAL INFORMATION

Continued...

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## 11.1. Information on toxicological effects

| <b>Inhaled</b>           | The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).                                                                                                                                                                                                                                                                                                                                                     |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------|----------------------------------------|-----------------------------|----------------------------------|----------------------------------|----------------------------|---------------------------------|--|--------------------------------|---------------|---------------|
| <b>Ingestion</b>         | Ammonium chloride, a urine-acidifying agent for kidney stone disease and urinary tract infection has been shown to cause exhaustion, 'air hunger' and increased acidity of blood.                                                                                                                                                                                                                                                                                                                              |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>Skin Contact</b>      | The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis.                                                                                                                                                                                                                                                                                                                                                                |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>Eye</b>               | This material can cause eye irritation and damage in some persons.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>Chronic</b>           | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.                                                                                                                                                                                                                                                                         |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>ammonium chloride</b> | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>Intraperitoneal (rat) LD50: 3250 mg/kg</td> <td>Eye (rabbit): 100 mg SEVERE</td> </tr> <tr> <td>Oral (rat) LD50: 1650 mg/kg</td> <td>Eye (rabbit): 500 mg/24h SEVERE</td> </tr> <tr> <td>Not Available</td> <td>Not Available</td> </tr> </tbody> </table>                                                                                                                                               | TOXICITY                         | IRRITATION | Intraperitoneal (rat) LD50: 3250 mg/kg | Eye (rabbit): 100 mg SEVERE | Oral (rat) LD50: 1650 mg/kg      | Eye (rabbit): 500 mg/24h SEVERE  | Not Available              | Not Available                   |  |                                |               |               |
|                          | TOXICITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IRRITATION                       |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|                          | Intraperitoneal (rat) LD50: 3250 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Eye (rabbit): 100 mg SEVERE      |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|                          | Oral (rat) LD50: 1650 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Eye (rabbit): 500 mg/24h SEVERE  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| Not Available            | Not Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>formaldehyde.</b>     | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>Dermal (rabbit) LD50: 270 mg/kg</td> <td>Eye (human): 4 ppm/5m</td> </tr> <tr> <td>Inhalation (rat) LC50: 203 mg/m3</td> <td>Eye (rabbit): 0.75 mg/24H SEVERE</td> </tr> <tr> <td>Oral (rat) LD50: 100 mg/kg</td> <td>Skin (human): 0.15 mg/3d-I mild</td> </tr> <tr> <td></td> <td>Skin (rabbit): 2 mg/24H SEVERE</td> </tr> <tr> <td>Not Available</td> <td>Not Available</td> </tr> </tbody> </table> | TOXICITY                         | IRRITATION | Dermal (rabbit) LD50: 270 mg/kg        | Eye (human): 4 ppm/5m       | Inhalation (rat) LC50: 203 mg/m3 | Eye (rabbit): 0.75 mg/24H SEVERE | Oral (rat) LD50: 100 mg/kg | Skin (human): 0.15 mg/3d-I mild |  | Skin (rabbit): 2 mg/24H SEVERE | Not Available | Not Available |
|                          | TOXICITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IRRITATION                       |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|                          | Dermal (rabbit) LD50: 270 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Eye (human): 4 ppm/5m            |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|                          | Inhalation (rat) LC50: 203 mg/m3                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Eye (rabbit): 0.75 mg/24H SEVERE |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|                          | Oral (rat) LD50: 100 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Skin (human): 0.15 mg/3d-I mild  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Skin (rabbit): 2 mg/24H SEVERE   |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| Not Available            | Not Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>formaldehyde.</b>     | No significant acute toxicological data identified in literature search.                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |
| <b>ammonium chloride</b> | The material may produce severe irritation to the eye causing pronounced inflammation.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  |            |                                        |                             |                                  |                                  |                            |                                 |  |                                |               |               |

**Legend:** ✔ – Data required to make classification available  
✘ – Data available but does not fill the criteria for classification  
○ – Data Not Available to make classification

## CMR STATUS

# MATERIA PRO WOOD - Activator A

## SECTION 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

### 12.2. Persistence and degradability

| Ingredient    | Persistence: Water/Soil   | Persistence: Air            |
|---------------|---------------------------|-----------------------------|
| formaldehyde. | LOW (Half-life = 14 days) | LOW (Half-life = 2.97 days) |

### 12.3. Bioaccumulative potential

| Ingredient    | Bioaccumulation     |
|---------------|---------------------|
| formaldehyde. | LOW (LogKOW = 0.35) |

### 12.4. Mobility in soil

| Ingredient    | Mobility       |
|---------------|----------------|
| formaldehyde. | HIGH (KOC = 1) |

Continued...

**MATERIA PRO WOOD - Activator A****12.5. Results of PBT and vPvB assessment**

|                         | P             | B             | T             |
|-------------------------|---------------|---------------|---------------|
| Relevant available data | Not Available | Not Available | Not Available |

**12.6. Other adverse effects**

No data available

**SECTION 13 DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

|                                     |                                                                                                    |
|-------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Product / Packaging disposal</b> | Legislation addressing waste disposal requirements may differ by country, state and/ or territory. |
| <b>Waste treatment options</b>      | Not Available                                                                                      |
| <b>Sewage disposal options</b>      | Not Available                                                                                      |

**SECTION 14 TRANSPORT INFORMATION****Labels Required**

|                         |                |
|-------------------------|----------------|
| <b>Marine Pollutant</b> | NO             |
| <b>HAZCHEM</b>          | Not Applicable |

**Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

|                                           |                                                                                                                                                    |                    |                |         |                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|---------|----------------|
| <b>14.1. UN number</b>                    | Not Applicable                                                                                                                                     |                    |                |         |                |
| <b>14.2. Packing group</b>                | Not Applicable                                                                                                                                     |                    |                |         |                |
| <b>14.3. UN proper shipping name</b>      | Not Applicable                                                                                                                                     |                    |                |         |                |
| <b>14.4. Environmental hazard</b>         | No relevant data                                                                                                                                   |                    |                |         |                |
| <b>14.5. Transport hazard class(es)</b>   | <table border="1"> <tbody> <tr> <td>Class</td> <td>Not Applicable</td> </tr> <tr> <td>Subrisk</td> <td>Not Applicable</td> </tr> </tbody> </table> | Class              | Not Applicable | Subrisk | Not Applicable |
| Class                                     | Not Applicable                                                                                                                                     |                    |                |         |                |
| Subrisk                                   | Not Applicable                                                                                                                                     |                    |                |         |                |
| <b>14.6. Special precautions for user</b> | <table border="1"> <tbody> <tr> <td>Special provisions</td> <td>Not Applicable</td> </tr> </tbody> </table>                                        | Special provisions | Not Applicable |         |                |
| Special provisions                        | Not Applicable                                                                                                                                     |                    |                |         |                |

# MATERIA PRO WOOD - Activator A

|                  |                |
|------------------|----------------|
| Limited quantity | Not Applicable |
|------------------|----------------|

|                |
|----------------|
| Not Applicable |
|----------------|

## Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

|                                         |                     |                |
|-----------------------------------------|---------------------|----------------|
| <b>14.1. UN number</b>                  | Not Applicable      |                |
| <b>14.2. Packing group</b>              | Not Applicable      |                |
| <b>14.3. UN proper shipping name</b>    | Not Applicable      |                |
| <b>14.4. Environmental hazard</b>       | No relevant data    |                |
| <b>14.5. Transport hazard class(es)</b> | ICAO/IATA Class     | Not Applicable |
|                                         | ICAO / IATA Subrisk | Not Applicable |

Continued...

# MATERIA PRO WOOD - Activator A

|                                           |                                                           |                |
|-------------------------------------------|-----------------------------------------------------------|----------------|
|                                           | ERG Code                                                  | Not Applicable |
| <b>14.6. Special precautions for user</b> | Special provisions                                        | Not Applicable |
|                                           | Cargo Only Packing Instructions                           | Not Applicable |
|                                           | Cargo Only Maximum Qty / Pack                             | Not Applicable |
|                                           | Passenger and Cargo Packing Instructions                  | Not Applicable |
|                                           | Passenger and Cargo Maximum Qty / Pack                    | Not Applicable |
|                                           | Passenger and Cargo Limited Quantity Packing Instructions | Not Applicable |
|                                           | Passenger and Cargo Limited Maximum Qty / Pack            | Not Applicable |

## Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

|                                           |                    |                |
|-------------------------------------------|--------------------|----------------|
| <b>14.1. UN number</b>                    | Not Applicable     |                |
| <b>14.2. Packing group</b>                | Not Applicable     |                |
| <b>14.3. UN proper shipping name</b>      | Not Applicable     |                |
| <b>14.4. Environmental hazard</b>         | Not Applicable     |                |
| <b>14.5. Transport hazard class(es)</b>   | IMDG Class         | Not Applicable |
|                                           | IMDG Subrisk       | Not Applicable |
| <b>14.6. Special precautions for user</b> | EMS Number         | Not Applicable |
|                                           | Special provisions | Not Applicable |
|                                           | Limited Quantities | Not Applicable |



# MATERIA PRO WOOD - Activator A

## Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

|                                           |                               |                |
|-------------------------------------------|-------------------------------|----------------|
| <b>14.1. UN number</b>                    | Not Applicable                |                |
| <b>14.2. Packing group</b>                | Not Applicable                |                |
| <b>14.3. UN proper shipping name</b>      | Not Applicable                |                |
| <b>14.4. Environmental hazard</b>         | No relevant data              |                |
| <b>14.5. Transport hazard class(es)</b>   | Not Applicable Not Applicable |                |
| <b>14.6. Special precautions for user</b> | Classification code           | Not Applicable |
|                                           | Limited quantity              | Not Applicable |
|                                           | Equipment required            | Not Applicable |
|                                           | Fire cones number             | Not Applicable |

## Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

| Source                                                                          | Ingredient        | Pollution Category |
|---------------------------------------------------------------------------------|-------------------|--------------------|
| IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk | ammonium chloride | Z                  |

Continued...

# MATERIA PRO WOOD - Activator A

IMO MARPOL 73/78  
(Annex II) - List of  
Noxious Liquid  
Substances Carried  
in Bulk

formaldehide.

Y

## SECTION 15 REGULATORY INFORMATION

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

**ammonium  
chloride(12125-02-9) is  
found on the following  
regulatory lists**

'European Customs Inventory of Chemical Substances ECICS (English)', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)', 'UK Workplace Exposure Limits (WELs)', 'European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI', 'European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31'

**formaldehide. (50-  
00-0\*) is found on  
the following  
regulatory lists**

'European Customs Inventory of Chemical Substances ECICS (English)', 'European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances (updated by ATP: 31) - Carcinogenic Substances', 'International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs', 'European Trade Union Confederation (ETUC) Priority List for REACH Authorisation', 'EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)', 'UK Workplace Exposure Limits (WELs)', 'European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI', 'European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31', 'Europe AeroSpace and Defence Industries Association of Europe (ASD) REACH Implementation Working Group Priority Declarable Substances List (PDSL)'

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Regulation (EU) No 453/2010, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation:- The Control of Substances Hazardous to Health Regulations (COSHH) 2002- COSHH Essentials- The Management of Health and Safety at Work Regulations 1999

### 15.2. Chemical safety assessment

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available.

# MATERIA PRO WOOD - Activator A

## SECTION 16 OTHER INFORMATION

### Full text Risk and Hazard codes

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| <b>H301+H311+H331</b> | Toxic if swallowed, in contact with skin or if inhaled |
| <b>H302</b>           | Harmful if swallowed                                   |
| <b>H314</b>           | Causes severe skin burns and eye damage                |
| <b>H317</b>           | May cause an allergic skin reaction                    |
| <b>H318</b>           | Causes serious eye damage                              |
| <b>H351</b>           | Suspected of causing cancer                            |
| <b>R22</b>            | Harmful if swallowed.                                  |
| <b>R34</b>            | Causes burns.                                          |
| <b>R40</b>            | Limited evidence of a carcinogenic effect.             |
| <b>R41</b>            | Risk of serious damage to eyes.                        |
| <b>R43</b>            | May cause SENSITISATION by skin contact.               |

### Other information

### Ingredients with multiple cas numbers

Continued...

# MATERIA PRO WOOD - Activator A

| Name              | CAS No                  |
|-------------------|-------------------------|
| ammonium chloride | 12125-02-9, 152128-19-3 |

Classification of the preparation and its individual components has drawn on official and authoritative source A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net/references](http://www.chemwatch.net/references)

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

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