

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : X-5 Paintstik® Marker

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Use of the substance/mixture : Marking.

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

LA-CO Industries Europe S.A.S.  
Parc Industriel de la Plaine de  
l'Ain - Allée des Combes.  
01150.BLYES.France.  
Phone: +33 (0)4 74 46 23 23  
Fax: +33 (0)4 74 46 23 29  
E-mail: info@eu.laco.com  
Web: http://www.markal.com

**1.4. Emergency telephone number**

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

| EU Member State | Officieel adviesorgaan                                                                                                                                                   | Adres                                                      | Noodnummer                         |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|
| AUSTRIA         | Vergiftungsinformationszentrale (Poisons Information Centre)                                                                                                             | Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Wien | +43 1 406 43 43                    |
| BELARUS         | The Belarus Republican Poisons Centre                                                                                                                                    | Kizhevatova str. 58 220115 Minsk                           | +375 (0)17 201 9158                |
| BELGIUM         | Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid                                                                                         | Rue Bruyn 1 B -1120 Bruxelles/Brussel                      | +32 70 245 245                     |
| BULGARIA        | Национален токсикологичен информационен център<br>National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov"                                             | 21 Tottleben Boulevard 1606 SOFIA                          | +359 2 9154 409                    |
| CROATIA         | Poisons Control Centre<br>Institute of Medical Research & Occupational Health                                                                                            | Ksaverska Cesta 2<br>P.O. Box 291<br>HR-10000 Zagreb       | +385 1 234 8342                    |
| CZECH REPUBLIC  | Toxikologické informační středisko<br>Clinic For Occupational Medicine, 1st Medical Faculty, Charles University                                                          | Na Bojišti 1<br>120 00 Praha 2                             | +42 2 2491 9293<br>+42 2 2491 5402 |
| DENMARK         | Giftlinjen<br>Bispebjerg Hospital                                                                                                                                        | Bispebjerg Bakke 23, 60, 1<br>DK-2400 København NV         | +45 82 12 12 12<br>+45 35 31 55 55 |
| ESTONIA         | Mürgistusteabekeskus                                                                                                                                                     | Gonsiori 29 15027 Tallinn                                  | +372 626 93 90                     |
| FINLAND         | Myrkytystietokeskus                                                                                                                                                      | P.O.B 340 (Haartmaninkatu 4)<br>HUS<br>SF - 00029 Helsinki | +358 9 471 977                     |
| FRANCE          | ORFILA                                                                                                                                                                   |                                                            | +33 1 45 42 59 59                  |
| GERMANY         | Berliner Betrieb für Zentrale Gesundheitliche Aufgaben                                                                                                                   | Oranienburger Strasse 285 13437 Berlin                     | +49 30 19240                       |
| GERMANY         | Informations und Beratungszentrum für Vergiftungsfälle                                                                                                                   | Kirrberger Straße, Gebäude 9 D-66421 Homburg/Saar          | +49 6841 19240                     |
| GERMANY         | Beratungstelle bei Vergiftungen, Klinische Toxikologie und Beratungsstelle bei Vergiftungen                                                                              | Langenbeckstrasse 1 55131 Mainz                            | +49 6131 19240                     |
| GREECE          | Poisons Information Centre                                                                                                                                               | 11527 Athens                                               | +30 10 779 3777                    |
| HUNGARY         | Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety)<br>Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service) | 1437 Budapest PO Box 839<br>1097 Budapest, Nagyvárád tér 2 | +36 80 20 11 99                    |
| ICELAND         | Eitrunarmiðstöðin                                                                                                                                                        | Eitrunarmiðstöðin 108 Reykjavík                            | +354 543 22 22                     |
| IRELAND         | National Poisons Information Centre                                                                                                                                      | Beaumont Hospital PO Box 1297<br>Beaumont Road 9 Dublin    | +353 1 809 2166                    |
| LATVIA          | Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs                                                                                                     | 2 Hipocrate Street LV 1038 Riga                            | +371 67 04 24 73                   |

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

|             |                                                                                                                                                                    |                                                                   |                                                             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------|
| LITHUANIA   | Apsinuodijimų kontrolės ir informacijos biuras                                                                                                                     | Siltnamiu 29 2043 Vilnius                                         | +370 5 236 20 52/+370 687 53 378                            |
| MALTA       | Medicines & Poisons Info Office                                                                                                                                    | Mater Dei Hospital, Msida MSD 2090 Malta                          | 25450000                                                    |
| NETHERLANDS | Nationaal Vergiftigingen Informatie Centrum<br>National Institute for Public Health and the Environment, NB this service is only available to health professionals | Huispostnummer B.00.118, PO Box 85500<br>3508 GA Utrecht          | +31 30 274 88 88                                            |
| PORTUGAL    | Centro de Informação Antivenenos<br>Instituto Nacional de Emergência Médica (INEM)                                                                                 | Rua Almirante Barroso, 36<br>1000-013 Lisboa                      | 808 250 143 (for use only in Portugal),<br>+351 21 330 3284 |
| ROMANIA     | Biroul pentru Regulamentul Sanitar International si Informare Toxicologica                                                                                         | Str. Dr. Leonte Anastasievici Nr.1-3, Sector 5<br>50463 Bucuresti | +40 21 318 36 06                                            |
| SLOVAKIA    | Národné toxikologické informačné centrum<br>University Hospital Bratislava                                                                                         | Limbová 5<br>833 05 Bratislava                                    | +421 2 54 77 4 166                                          |
| SPAIN       | Servicio de Información Toxicológica<br>Instituto Nacional de Toxicología, Departamento de Madrid                                                                  | Calle Luis Cabrera 9<br>E-28002 Madrid                            | +34 91 562 04 20                                            |
| SWEDEN      | Giftinformationscentralen<br>Swedish Poisons Information Centre, Karolinska Hospital                                                                               | Box 60 500<br>SE-171 76 Stockholm                                 | +46 8 33 12 31<br>(International) 112 (National)            |
| SWITZERLAND | Centre Suisse d'Information Toxicologique                                                                                                                          | Freiestrasse 16 Postfach CH-8028 Zurich                           | +41 44 251 51 51<br>(International) 145 (National)          |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Comments

: Only component with health hazards above the applicable thresholds and/or Exposure Limit values are shown.

Exact concentrations are withheld as trade secret.

| Name               | Product identifier                       | %      | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------------|------------------------------------------|--------|-----------------------------------------------------------------|
| Titanium dioxide   | (CAS No) 13463-67-7<br>(EC no) 236-675-5 | 0 – 20 | Not classified                                                  |
| Talc               | (CAS No) 14807-96-6<br>(EC no) 238-877-9 | 1 – 15 | Not classified                                                  |
| Aluminum hydroxide | (CAS No) 21645-51-2<br>(EC no) 244-492-7 | 0 – 1  | Not classified                                                  |
| Aluminum oxide     | (CAS No) 1344-28-1<br>(EC no) 215-691-6  | 0 – 1  | Not classified                                                  |

Full text of R- and H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash with plenty of soap and water.

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.  
First-aid measures after ingestion : Drink plenty of water.

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

Symptoms/injuries after inhalation : Inhalation of vapours may cause respiratory irritation.

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

No special procedures required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.  
Unsuitable extinguishing media : None known.

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

Fire hazard : Burning produces irritating, toxic and noxious fumes.  
Explosion hazard : Product is not explosive.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. EN469.

## SECTION 6: Accidental release measures

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

General measures : Avoid creating or spreading dust.

#### 6.1.1. For non-emergency personnel

Protective equipment : Chemical goggles or safety glasses.  
Emergency procedures : Do not breathe dust.

#### 6.1.2. For emergency responders

Protective equipment : Chemical goggles or safety glasses.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Contains no substances known to be hazardous to the environment.

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

For containment : Sweep or shovel into suitable containers.  
Methods for cleaning up : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

### 6.4. Reference to other sections

Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing dust, fume.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Incompatible products : Strong acids. Strong bases. Strong oxidizers.  
Prohibitions on mixed storage : Incompatible materials.  
Storage area : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

Marking.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Aluminum oxide (1344-28-1) |                                           |                                                                                                                                                                   |
|----------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Austria                    | MAK (mg/m <sup>3</sup> )                  | 10 mg/m <sup>3</sup> (gemessen als einatembarer Aerosolanteil)<br>5 mg/m <sup>3</sup> (alveolengängiger Anteil)                                                   |
| Austria                    | MAK Short time value (mg/m <sup>3</sup> ) | 20 mg/m <sup>3</sup> (gemessen als einatembarer Aerosolanteil)<br>max. 2x60 min./Schicht<br>10 mg/m <sup>3</sup> (alveolengängiger Anteil) max. 2x60 min./Schicht |

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

| Aluminum oxide (1344-28-1)      |                                                                 |                                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Belgium                         | Limit value (mg/m <sup>3</sup> )                                | 10 mg/m <sup>3</sup>                                                                                                                  |
| Belgium                         | Remark (BE)                                                     | (oxyde d') (en Al)                                                                                                                    |
| Denmark                         | Grænseværdie (langvarig) (mg/m <sup>3</sup> )                   | 5 mg/m <sup>3</sup> (total)<br>2 mg/m <sup>3</sup> (respirabel)                                                                       |
| Denmark                         | Grænseværdie (kortvarig) (mg/m <sup>3</sup> )                   | 10 mg/m <sup>3</sup> (total)<br>4 mg/m <sup>3</sup> (respirabel)                                                                      |
| France                          | VME (mg/m <sup>3</sup> )                                        | 10 mg/m <sup>3</sup>                                                                                                                  |
| France                          | Note (FR)                                                       | (respirable aerosol)                                                                                                                  |
| Germany                         | TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> ) | 3 mg/m <sup>3</sup>                                                                                                                   |
| Germany                         | Remark (TRGS 900)                                               | (gemessen als alveolengängiger Staubanteil)                                                                                           |
| Hungary                         | AK-érték                                                        | 6 mg/m <sup>3</sup>                                                                                                                   |
| Hungary                         | Megjegyzések (HU)                                               | (respirable aerosol)                                                                                                                  |
| Ireland                         | OEL (8 hours ref) (mg/m <sup>3</sup> )                          | 10 mg/m <sup>3</sup> (total inhalable dust)<br>4 mg/m <sup>3</sup> (respirable dust)                                                  |
| Lithuania                       | IPRV (mg/m <sup>3</sup> )                                       | 2 mg/m <sup>3</sup>                                                                                                                   |
| Lithuania                       | Remark (LT)                                                     | (alveolinė frakcija. Piūrėk IX skyriaus 3 pastabą.)                                                                                   |
| Poland                          | NDS (mg/m <sup>3</sup> )                                        | 2.5 mg/m <sup>3</sup> (dymy, pyl całkowity)<br>1.2 mg/m <sup>3</sup> (dymy, pyl respirabilny)                                         |
| Slovakia                        | NPHV (priemerná) (mg/m <sup>3</sup> )                           | 1.5 mg/m <sup>3</sup> (respirabilná frakcia)<br>4 mg/m <sup>3</sup> (inhalovateľná frakcia)                                           |
| Spain                           | VLA-ED (mg/m <sup>3</sup> )                                     | 10 mg/m <sup>3</sup>                                                                                                                  |
| Sweden                          | nivågränsvärde (NVG) (mg/m <sup>3</sup> )                       | 5 mg/m <sup>3</sup> (inhalable aerosol)<br>2 mg/m <sup>3</sup> (respirable aerosol)                                                   |
| United Kingdom                  | WEL TWA (mg/m <sup>3</sup> )                                    | 10 mg/m <sup>3</sup> (inhalable aerosol)<br>4 mg/m <sup>3</sup> (respirable aerosol)                                                  |
| Norway                          | Grenseverdier (AN) (mg/m <sup>3</sup> )                         | 10 mg/m <sup>3</sup>                                                                                                                  |
| Norway                          | Merknader (NO)                                                  | 1)                                                                                                                                    |
| Switzerland                     | VME (mg/m <sup>3</sup> )                                        | 3 mg/m <sup>3</sup>                                                                                                                   |
| Switzerland                     | Remark (CH)                                                     | (respirable aerosol)                                                                                                                  |
| Aluminum hydroxide (21645-51-2) |                                                                 |                                                                                                                                       |
| Austria                         | MAK (ppm)                                                       | 10 ppm (gemessen als einatembarer Aerosolanteil)<br>5 ppm (alveolengängiger Anteil)                                                   |
| Austria                         | MAK Short time value (ppm)                                      | 20 ppm (gemessen als einatembarer Aerosolanteil)<br>max. 2x60 min./Schicht<br>10 ppm (alveolengängiger Anteil) max. 2x60 min./Schicht |
| Poland                          | NDS (mg/m <sup>3</sup> )                                        | 2.5 mg/m <sup>3</sup> dymy, pyl całkowity<br>1.2 mg/m <sup>3</sup> dymy, pyl respirabilny                                             |
| Slovakia                        | NPHV (priemerná) (mg/m <sup>3</sup> )                           | 1.5 mg/m <sup>3</sup> (respirabilná frakcia)<br>4 mg/m <sup>3</sup> (inhalovateľná frakcia)                                           |
| Switzerland                     | VME (mg/m <sup>3</sup> )                                        | 3 mg/m <sup>3</sup>                                                                                                                   |
| Switzerland                     | Remark (CH)                                                     | (alveolengängige Fraktion)                                                                                                            |
| Titanium dioxide (13463-67-7)   |                                                                 |                                                                                                                                       |
| Belgium                         | Remark (BE)                                                     | (dioxyde de)                                                                                                                          |
| Denmark                         | Grænseværdie (kortvarig) (mg/m <sup>3</sup> )                   | 12 mg/m <sup>3</sup>                                                                                                                  |
| France                          | Note (FR)                                                       | inhalable aerosol                                                                                                                     |
| Ireland                         | OEL (8 hours ref) (mg/m <sup>3</sup> )                          | 10 mg/m <sup>3</sup> total inhalable dust<br>4 mg/m <sup>3</sup> respirable dust                                                      |
| Slovakia                        | NPHV (priemerná) (mg/m <sup>3</sup> )                           | 5 mg/m <sup>3</sup>                                                                                                                   |
| Spain                           | VLA-ED (mg/m <sup>3</sup> )                                     | 10 mg/m <sup>3</sup>                                                                                                                  |
| Spain                           | Notes                                                           | inhalable aerosol                                                                                                                     |
| Sweden                          | nivågränsvärde (NVG) (mg/m <sup>3</sup> )                       | 5 mg/m <sup>3</sup>                                                                                                                   |
| Sweden                          | Anmärkning (SE)                                                 | total dust, 1                                                                                                                         |
| United Kingdom                  | WEL TWA (mg/m <sup>3</sup> )                                    | 10 mg/m <sup>3</sup> inhalable aerosol<br>4 mg/m <sup>3</sup> respirable aerosol                                                      |
| Switzerland                     | Remark (CH)                                                     | (respirable aerosol)                                                                                                                  |

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

| Talc (14807-96-6) |                              |                                                                                                                          |
|-------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Austria           | Remark (AT)                  | (alveolengängige Fraktion)                                                                                               |
| Belgium           | Remark (BE)                  | (sans fibre d'amiante)                                                                                                   |
| Finland           | HTP-arvo (8h) (mg/m³)        | 2 mg/m³ (Talkki, rakeinen; hengittävä pöly)<br>1 mg/m³ (Talkki, rakeinen; alveolijae)<br>0.5 mg/m³ (Talkki, kuitumainen) |
| Hungary           | AK-érték                     | 2 mg/m³                                                                                                                  |
| Hungary           | Megjegyzések (HU)            | respirable aerosol                                                                                                       |
| Ireland           | OEL (8 hours ref) (mg/m³)    | 10 mg/m³ total inhalable dust<br>0.8 mg/m³ respirable dust                                                               |
| Lithuania         | IPRV (mg/m³)                 | 2 mg/m³ (ikvepiamoji frakcija)<br>1 mg/m³ (alveolinė frakcija)                                                           |
| Netherlands       | Remark (MAC)                 | respirable aerosol                                                                                                       |
| Sweden            | nivågränsvärde (NVG) (mg/m³) | 2 mg/m³ total dust, 1<br>1 mg/m³ respirable dust, 1                                                                      |
| United Kingdom    | Local name                   | Talc                                                                                                                     |
| United Kingdom    | WEL TWA (mg/m³)              | 1 mg/m³                                                                                                                  |
| United Kingdom    | Remark (WEL)                 | respirable aerosol                                                                                                       |
| Norway            | Grenseverdier (AN) (mg/m³)   | 3 mg/m³ (respirabelt støv)<br>6 mg/m³ (totalstøv)                                                                        |
| Switzerland       | Remark (CH)                  | (respirable aerosol)                                                                                                     |

### 8.2. Exposure controls

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Eyewash stations. Ensure good ventilation of the work station. |
| Personal protective equipment    | : Avoid all unnecessary exposure.                                                                                                                     |
| Hand protection                  | : None under normal use.                                                                                                                              |
| Eye protection                   | : In case of dust production: protective goggles. EN166.                                                                                              |
| Respiratory protection           | : In case of inadequate ventilation wear respiratory protection. Wear appropriate mask. EN 12083.                                                     |
| Other information                | : Do not eat, drink or smoke when using this product.                                                                                                 |

## SECTION 9: Physical and chemical properties

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

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Physical state                              | : Solid                       |
| Appearance                                  | : A solid crayon-like marker. |
| Colour                                      | : white. Yellow.              |
| Odour                                       | : No data available           |
| Odour threshold                             | : No data available           |
| pH                                          | : No data available           |
| Relative evaporation rate (butyl acetate=1) | : No data available           |
| Melting point                               | : 66 °C                       |
| Freezing point                              | : No data available           |
| Boiling point                               | : No data available           |
| Flash point                                 | : > 177 °C                    |
| Auto-ignition temperature                   | : No data available           |
| Decomposition temperature                   | : No data available           |
| Flammability (solid, gas)                   | : No data available           |
| Vapour pressure                             | : No data available           |
| Relative vapour density at 20 °C            | : No data available           |
| Relative density                            | : No data available           |
| Solubility                                  | : Water: 0 %                  |
| Log Pow                                     | : No data available           |
| Viscosity, kinematic                        | : No data available           |
| Viscosity, dynamic                          | : No data available           |
| Explosive properties                        | : No data available           |
| Oxidising properties                        | : No data available           |
| Explosive limits                            | : No data available           |

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO<sub>2</sub>). Burning produces irritating, toxic and noxious fumes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Aluminum oxide (1344-28-1) |               |
|----------------------------|---------------|
| LD50 oral rat              | > 15900 mg/kg |
| LC50 inhalation rat (mg/l) | 7.6 mg/l/4h   |
| ATE CLP (vapours)          | 7.600 mg/l/4h |
| ATE CLP (dust,mist)        | 7.600 mg/l/4h |

| Titanium dioxide (13463-67-7) |                |
|-------------------------------|----------------|
| LD50 oral rat                 | > 5000 mg/kg   |
| LC50 inhalation rat (mg/l)    | > 6.82 mg/l/4h |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| Titanium dioxide (13463-67-7)               |                        |
|---------------------------------------------|------------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | 5 mg/kg bodyweight rat |

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

| Aluminum oxide (1344-28-1) |             |
|----------------------------|-------------|
| EC50 Daphnia 1             | > 1470 mg/l |
| NOEC (acute)               | > 50 mg/l   |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

### 12.5. Results of PBT and vPvB assessment

#### X-5 Paintstik® Marker

PBT: not yet assessed

vPvB: not yet assessed

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not considered a dangerous good for transport regulations

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) :

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Inland waterway transport

Carriage prohibited (ADN) : No

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 0 %

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : 1 - low hazard to waters

WGK remark : Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

according to Regulation (EU) No. 2015/830

Indication of changes:

Original Document.

Abbreviations and acronyms:

# X-5 Paintstik® Marker

## Safety Data Sheet

according to Regulation (EU) No. 2015/830

|  |                                                                                             |
|--|---------------------------------------------------------------------------------------------|
|  | ATE: Acute Toxicity Estimate                                                                |
|  | CAS (Chemical Abstracts Service) number                                                     |
|  | CLP: Classification, Labelling, Packaging.                                                  |
|  | EC50: Environmental Concentration associated with a response by 50% of the test population. |
|  | GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).              |
|  | LD50: Lethal Dose for 50% of the test population                                            |
|  | OSHA: Occupational Safety & Health Administration                                           |
|  | PBT: Persistent, Bioaccumulative, Toxic                                                     |
|  | TWA: Time Weight Average                                                                    |
|  | TSCA: Toxic Substances Control Act                                                          |

### Data sources

: ESIS (European chemical Substances Information System; accessed at: <http://esis.jrc.ec.europa.eu/index.php?PGM=cla>.  
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### Other information

: None.

### LA-CO EU CLP SDS

**SDS Prepared by:** The Redstone Group, LLC  
6077 Frantz Rd.  
Suite 206  
Dublin, OH USA 43016  
T 614-923-7472  
[www.redstonegrp.com](http://www.redstonegrp.com)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*