

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 22/09/2014

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Version: 2.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : Temperature indicator

##### 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<br>Geurtel 18-20 1090 Wien | +43 1 406 43 43                    |
| BELARUS         | The Belarus Republican Poisons Centre  | Kizhevatova str. 58<br>Minsk 220115                           | +375 (0)17 201 9158                |
| BELGIUM         | Centre Anti-Poisons/Antigifocentrum<br>c/o Hôpital Central de la Base - Reine Astrid   | Rue Bruyn 1<br>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<br>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         | Giflinjen<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<br>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, Nagyvárad tér 2    | +36 80 20 11 99                    |
| ICELAND         | Eitrunarmiðstöðin  | Eitrunarmiðstöðin 108 Reykjavik                               | +354 543 22 22                     |
| IRELAND         | National Poisons Information Centre  | Beaumont Hospital PO Box 1297<br>Beaumont Road 9 Dublin       | +353 1 809 2166                    |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

|             |   |  |  |
|-------------|---|--|--|
| LATVIA      | Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs  | 2 Hipocrate Street LV 1038 Riga                                | +371 67 04 24 73   |
| 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 National Institute for Public Health and the Environment, NB this service is only available to health professionals | Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht          | +31 30 274 88 88   |
| PORTUGAL    | Centro de Informação Antivenenos Instituto Nacional de Emergência Médica (INEM)   | Rua Almirante Barroso, 36 1000-013 Lisboa                      | 808 250 143 (for use only in Portugal), +351 21 330 3284 |
| ROMANIA     | Biroul pentru Regulamentul Sanitar International si Informare Toxicologica  | Str. Dr. Leonte Anastasievici Nr.1-3, Sector 5 50463 Bucuresti | +40 21 318 36 06   |
| SLOVAKIA    | Národné toxikologické informačné centrum University Hospital Bratislava   | Limbová 5 833 05 Bratislava                                    | +421 2 54 77 4 166                                       |
| SPAIN       | Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid  | Calle Luis Cabrera 9 E-28002 Madrid                            | +34 91 562 04 20   |
| SWEDEN      | Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital   | Box 60 500 SE-171 76 Stockholm                                 | +46 8 33 12 31 (International) 112 (National)            |
| SWITZERLAND | Centre Suisse d'Information Toxicologique   | Freiestrasse 16 Postfach CH-8028 Zurich                        | +41 44 251 51 51 (International) 145 (National)          |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Eye Dam. 1 H318

Skin Sens. 1 H317

Repr. 2 H361

STOT SE 3 H335

Full text of H-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazardous ingredients

: 4,4'-isopropylidenediphenol

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (CLP)

: P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P261 - Avoid breathing dust, fume  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear eye protection, protective gloves, protective clothing  
P302+P352 - IF ON SKIN: Wash with plenty of water  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313 - IF exposed or concerned: Get medical advice/attention  
P310 - Immediately call a POISON CENTER/doctor  
P312 - Call a poison center or doctor if you feel unwell  
P321 - Specific treatment (see First aid measures on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up  
P501 - Dispose of contents/container to an authorised waste collection point

### 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

| Name                            | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---------------------------------|--|---------|--|
| 4,4'-isopropylidenediphenol     | (CAS No) 80-05-7<br>(EC no) 201-245-8<br>(EC index no) 604-030-00-0  | 80 – 95 | Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Repr. 2, H361f<br>STOT SE 3, H335  |
| 2-methoxy-1-methylethyl acetate | (CAS No) 108-65-6<br>(EC no) 203-603-9<br>(EC index no) 607-195-00-7 | 0 – 2   | Flam. Liq. 3, H226   |
| 1-Methoxy-2-propanol            | (CAS No) 107-98-2<br>(EC no) 203-539-1<br>(EC index no) 603-064-00-3 | 0 – 1   | Flam. Liq. 3, H226<br>STOT SE 3, H335  |
| 1,2,4-trimethylbenzene          | (CAS No) 95-63-6<br>(EC no) 202-436-9<br>(EC index no) 601-043-00-3  | 0 – 1   | Flam. Liq. 3, H226<br>Acute Tox. 4 (Inhalation:dust,mist), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Aquatic Chronic 2, H411 |
| Iron oxide red                  | (CAS No) 1309-37-1<br>(EC no) 215-168-2                              | 0 – 1   | Aquatic Chronic 2, H411  |
| cumene                          | (CAS No) 98-82-8<br>(EC no) 202-704-5<br>(EC index no) 601-024-00-X  | 0 – 0.1 | Flam. Liq. 3, H226<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411  |

Full text of R- and H-phrases: 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. If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                          |
| First-aid measures after skin contact | : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.                                      |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.   |

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

|                                      |  |
|--------------------------------------|--|
| Symptoms/injuries                    | : Suspected of damaging fertility or the unborn child. |
| Symptoms/injuries after inhalation   | : May cause respiratory irritation.                    |
| Symptoms/injuries after skin contact | : May cause an allergic skin reaction.                 |
| Symptoms/injuries after eye contact  | : Causes serious eye damage.                           |

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

All treatments should be based on observed signs and symptoms of distress in the patient.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Carbon dioxide. Dry powder. Foam. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

|  |   |
|--|---|
| Fire hazard                                      | : No specific fire or explosion hazard.                 |
| Hazardous decomposition products in case of fire | : Burning produces irritating, toxic and noxious fumes. |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Wear a self contained breathing apparatus. EN469.

## SECTION 6: Accidental release measures

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

- General measures : Avoid contact with skin and eyes. Avoid creating or spreading dust.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Chemical goggles or safety glasses. protective gloves. In case of inadequate ventilation wear respiratory protection.
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Chemical goggles or safety glasses. Use neoprene or rubber gloves. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

- Do not discharge into drains or the environment.

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

- For containment : Contain and collect as any solid. Avoid generating dust.
- Methods for cleaning up : Take up in non-combustible absorbent material and shove into container for disposal. Minimize generation of dust.

### 6.4. Reference to other sections

- Section 13: disposal information. 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

- Storage conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use.
- Incompatible products : Strong acids. Strong oxidizers. Strong bases.

### 7.3. Specific end use(s)

- Temperature indicator.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Iron oxide red (1309-37-1) |   |  |
|----------------------------|---|--|
| Belgium                    | Remark (BE)                                   | (trioxyde de; fumées, en Fe)   |
| Denmark                    | Grænseværdie (kortvarig) (mg/m <sup>3</sup> ) | 7 mg/m <sup>3</sup>  |
| Denmark                    | Anmærkninger (DK)                             | (Jernoxid, total dust)   |
| Finland                    | Huomautus (FI)                                | (Fe)   |
| Hungary                    | Megjegyzések (HU)                             | (respirábilis por)   |
| Ireland                    | OEL (8 hours ref) (mg/m <sup>3</sup> )        | 5 mg/m <sup>3</sup> (Iron oxide, fume as Fe)<br>10 mg/m <sup>3</sup> (Rouge total inhalable dust)<br>4 mg/m <sup>3</sup> (Rouge total respirable dust) |
| Ireland                    | OEL (15 min ref) (mg/m <sup>3</sup> )         | 10 mg/m <sup>3</sup> (Iron oxide, fume as Fe)  |
| Lithuania                  | Remark (LT)                                   | (biūrėk IX skyriaus 3 pastabà.)  |
| Poland                     | Remark (PL)                                   | (dymy)   |
| 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                      | Notes   | (Óxido de hierro(III) (polvo y humos), como Fe)  |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

| <b>Iron oxide red (1309-37-1)</b>            |  |   |
|--|--|---|
| Sweden                                       | Anmärkning (SE)  | (Järnoxid, respirabelt damm)  |
| United Kingdom                               | WEL TWA (mg/m <sup>3</sup> )                               | 10 mg/m <sup>3</sup> (Rouge, inhalable fraction)<br>4 mg/m <sup>3</sup> (Rouge, respirable fraction)<br>5 mg/m <sup>3</sup> (fume, as Fe) |
| United Kingdom                               | WEL STEL (mg/m <sup>3</sup> )                              | 10 mg/m <sup>3</sup> (fume, as Fe)  |
| Norway                                       | Merknader (NO)   | (Jern(III)oksid, beregnet som Fe)   |
| Switzerland                                  | Remark (CH)  | (alveolengängiger Staub)  |
| <b>4,4'-isopropylidenediphenol (80-05-7)</b> |  |   |
| Czech Republic                               | Remark (CZ)  | I   |
| Denmark                                      | Grænseværdie (langvarig) (mg/m <sup>3</sup> )              | 3 mg/m <sup>3</sup>   |
| Denmark                                      | Anmærkninger (DK)  | (Bisphenol A (svævestøv))   |
| France                                       | VME (mg/m <sup>3</sup> )                                   | 10 mg/m <sup>3</sup>  |
| Germany                                      | TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup>   |
| Slovakia                                     | NPHV (priemerná) (mg/m <sup>3</sup> )                      | 10 mg/m <sup>3</sup>  |
| Slovakia                                     | Upozornenie (SK)   | (inhalovatelná frakcia)   |
| Spain  | Notes  | (VLI)   |
| Sweden                                       | nivågränsvärde (NVG) (mg/m <sup>3</sup> )                  | 10 mg/m <sup>3</sup>  |
| Sweden                                       | Anmärkning (SE)  | (H)   |
| United Kingdom                               | Remark (WEL)   | (inhalable dust)  |
| <b>1-Methoxy-2-propanol (107-98-2)</b>       |  |   |
| EU   | IOELV TWA (mg/m <sup>3</sup> )                             | 375 mg/m <sup>3</sup>   |
| EU   | IOELV TWA (ppm)  | 100 ppm   |
| EU   | IOELV STEL (mg/m <sup>3</sup> )                            | 568 mg/m <sup>3</sup>   |
| EU   | IOELV STEL (ppm)   | 150 ppm   |
| EU   | Notes  | Skin  |
| Austria                                      | MAK (mg/m <sup>3</sup> )                                   | 187 mg/m <sup>3</sup>   |
| Austria                                      | MAK (ppm)  | 50 ppm  |
| Austria                                      | MAK Short time value (mg/m <sup>3</sup> )                  | 187 mg/m <sup>3</sup>   |
| Austria                                      | MAK Short time value (ppm)                                 | 50 ppm  |
| Austria                                      | Remark (AT)  | (gemessen als Momentanwert), (H)  |
| Belgium                                      | Limit value (mg/m <sup>3</sup> )                           | 375 mg/m <sup>3</sup>   |
| Belgium                                      | Limit value (ppm)  | 100 ppm   |
| Belgium                                      | Short time value (mg/m <sup>3</sup> )                      | 568 mg/m <sup>3</sup>   |
| Belgium                                      | Short time value (ppm)                                     | 150 ppm   |
| Belgium                                      | Remark (BE)  | D   |
| Czech Republic                               | Expoziční limity (PEL) (mg/m <sup>3</sup> )                | 270 mg/m <sup>3</sup>   |
| Czech Republic                               | Expoziční limity (PEL) (ppm)                               | 73.17 ppm   |
| Czech Republic                               | Expoziční limity (NPK-P) (mg/m <sup>3</sup> )              | 550 mg/m <sup>3</sup>   |
| Czech Republic                               | Expoziční limity (NPK-P) (ppm)                             | 149.05 ppm  |
| Czech Republic                               | Remark (CZ)  | D   |
| Denmark                                      | Grænseværdie (langvarig) (mg/m <sup>3</sup> )              | 185 mg/m <sup>3</sup>   |
| Denmark                                      | Grænseværdie (langvarig) (ppm)                             | 50 ppm  |
| Denmark                                      | Grænseværdie (kortvarig) (mg/m <sup>3</sup> )              | 370 mg/m <sup>3</sup>   |
| Denmark                                      | Grænseværdie (kortvarig) (ppm)                             | 100 ppm   |
| Finland                                      | HTP-arvo (8h) (mg/m <sup>3</sup> )                         | 370 mg/m <sup>3</sup>   |
| Finland                                      | HTP-arvo (8h) (ppm)  | 100 ppm   |
| Finland                                      | HTP-arvo (15 min)  | 560 mg/m <sup>3</sup>   |
| Finland                                      | HTP-arvo (15 min) (ppm)                                    | 150 ppm   |
| Finland                                      | Huomautus (FI)   | iho   |
| France                                       | VME (mg/m <sup>3</sup> )                                   | 188 mg/m <sup>3</sup>   |
| France                                       | VME (ppm)  | 50 ppm  |
| France                                       | VLE (mg/m <sup>3</sup> )                                   | 375 mg/m <sup>3</sup>   |
| France                                       | VLE (ppm)  | 100 ppm   |
| France                                       | Note (FR)  | Peau  |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

| <b>1-Methoxy-2-propanol (107-98-2)</b>  |   |  |
|---|---|--|
| Germany                                 | TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> ) | 370 mg/m <sup>3</sup>  |
| Germany                                 | TRGS 900 Occupational exposure limit value (ppm)                | 100 ppm  |
| Germany                                 | TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> )      | 740 mg/m <sup>3</sup>  |
| Germany                                 | TRGS 900 Limitation of exposure peaks (ppm)                     | 200 ppm  |
| Hungary                                 | AK-érték  | 375 mg/m <sup>3</sup>  |
| Hungary                                 | CK-érték  | 568 mg/m <sup>3</sup>  |
| Ireland                                 | OEL (8 hours ref) (mg/m <sup>3</sup> )                          | 375 mg/m <sup>3</sup>  |
| Ireland                                 | OEL (8 hours ref) (ppm)   | 100 ppm  |
| Ireland                                 | OEL (15 min ref) (mg/m <sup>3</sup> )                           | 568 mg/m <sup>3</sup>  |
| Ireland                                 | OEL (15 min ref) (ppm)  | 150 ppm  |
| Lithuania                               | IPRV (mg/m <sup>3</sup> )                                       | 190 mg/m <sup>3</sup>  |
| Lithuania                               | IPRV (ppm)  | 50 ppm   |
| Lithuania                               | TPRV (mg/m <sup>3</sup> )                                       | 300 mg/m <sup>3</sup>  |
| Lithuania                               | TPRV (ppm)  | 75 ppm   |
| Netherlands                             | Grenswaarde TGG 8H (mg/m <sup>3</sup> )                         | 375 mg/m <sup>3</sup>  |
| Netherlands                             | Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )                      | 563 mg/m <sup>3</sup>  |
| Netherlands                             | Remark (MAC)  | (H)  |
| Poland                                  | NDS (mg/m <sup>3</sup> )  | 180 mg/m <sup>3</sup>  |
| Poland                                  | NDSch (mg/m <sup>3</sup> )                                      | 360 mg/m <sup>3</sup>  |
| Slovakia                                | NPHV (priemerná) (mg/m <sup>3</sup> )                           | 375 mg/m <sup>3</sup>  |
| Slovakia                                | NPHV (priemerná) (ppm)  | 100 ppm  |
| Slovakia                                | Upozornenie (SK)  | (K)  |
| Spain                                   | VLA-ED (mg/m <sup>3</sup> )                                     | 375 mg/m <sup>3</sup>  |
| Spain                                   | VLA-ED (ppm)  | 100 ppm  |
| Spain                                   | VLA-EC (mg/m <sup>3</sup> )                                     | 568 mg/m <sup>3</sup>  |
| Spain                                   | VLA-EC (ppm)  | 150 ppm  |
| Spain                                   | Notes   | via dérmica,VLI  |
| Sweden                                  | nivågränsvärde (NVG) (mg/m <sup>3</sup> )                       | 190 mg/m <sup>3</sup>  |
| Sweden                                  | nivågränsvärde (NVG) (ppm)                                      | 50 ppm   |
| Sweden                                  | kortidsvärde (KTV) (mg/m <sup>3</sup> )                         | 300 mg/m <sup>3</sup>  |
| Sweden                                  | kortidsvärde (KTV) (ppm)  | 75 ppm   |
| Sweden                                  | Anmärkning (SE)   | H  |
| United Kingdom                          | WEL TWA (mg/m <sup>3</sup> )                                    | 375 mg/m <sup>3</sup>  |
| United Kingdom                          | WEL TWA (ppm)   | 100 ppm  |
| United Kingdom                          | WEL STEL (mg/m <sup>3</sup> )                                   | 560 mg/m <sup>3</sup>  |
| United Kingdom                          | WEL STEL (ppm)  | 150 ppm  |
| Norway                                  | Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )                  | 180 mg/m <sup>3</sup>  |
| Norway                                  | Gjennomsnittsverdier (AN) (ppm)                                 | 50 ppm   |
| Norway                                  | Merknader (NO)  | H  |
| Switzerland                             | VME (mg/m <sup>3</sup> )  | 360 mg/m <sup>3</sup>  |
| Switzerland                             | VME (ppm)   | 100 ppm<br>20 ppm (urina; fine dell'esposizione / del turno)         |
| Switzerland                             | VLE (mg/m <sup>3</sup> )  | 720 mg/m <sup>3</sup>  |
| Switzerland                             | VLE (ppm)   | 200 ppm  |
| <b>1,2,4-trimethylbenzene (95-63-6)</b> |   |  |
| Denmark                                 | Grænseværdie (kortvarig) (mg/m <sup>3</sup> )                   | 200 mg/m <sup>3</sup>  |
| Denmark                                 | Grænseværdie (kortvarig) (ppm)                                  | 40 ppm   |
| Germany                                 | TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> )      | 200 mg/m <sup>3</sup>  |
| Germany                                 | TRGS 900 Limitation of exposure peaks (ppm)                     | 40 ppm   |
| Lithuania                               | IPRV (mg/m <sup>3</sup> )                                       | 100 mg/m <sup>3</sup>  |
| Lithuania                               | IPRV (ppm)  | 20 ppm   |
| Lithuania                               | Remark (LT)   | Ta pati RV, iðreikðta mg/m3, yra taikoma kitiems polialkilbenzenams. |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

| <b>1,2,4-trimethylbenzene (95-63-6)</b>           |  |   |
|---|--|---|
| Netherlands                                       | Grenswaarde TGG 8H (mg/m <sup>3</sup> )                    | 100 mg/m <sup>3</sup>   |
| Netherlands                                       | Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )                 | 200 mg/m <sup>3</sup>   |
| Slovakia  | NPHV (priemerná) (mg/m <sup>3</sup> )                      | 100 mg/m <sup>3</sup>   |
| Slovakia  | NPHV (priemerná) (ppm)                                     | 20 ppm  |
| Sweden  | kortidsvärde (KTV) (mg/m <sup>3</sup> )                    | 170 mg/m <sup>3</sup>   |
| Sweden  | kortidsvärde (KTV) (ppm)                                   | 35 ppm  |
| Sweden  | Anmärkning (SE)  | 55  |
| United Kingdom                                    | WEL TWA (mg/m <sup>3</sup> )                               | 125 mg/m <sup>3</sup>   |
| United Kingdom                                    | WEL TWA (ppm)  | 25 ppm  |
| <b>cumene (98-82-8)</b>                           |  |   |
| Denmark   | Grænseværdie (kortvarig) (mg/m <sup>3</sup> )              | 200 mg/m <sup>3</sup>   |
| Denmark   | Grænseværdie (kortvarig) (ppm)                             | 40 ppm  |
| Finland   | Huomautus (FI)   | iho   |
| France  | Note (FR)  | Peau  |
| Germany   | TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> ) | 250 mg/m <sup>3</sup>   |
| Germany   | TRGS 900 Limitation of exposure peaks (ppm)                | 50 ppm  |
| Germany   | TRGS 903 (BGW)   | 2 mg/l Isopropylbenzol (Blut; Expositionsende bzw. Schichtende)<br>50 mg/l 2-Phenylpropan-2-ol (Urin; Expositionsende bzw. Schichtende) |
| Slovakia  | NPHV (priemerná) (mg/m <sup>3</sup> )                      | 100 mg/m <sup>3</sup>   |
| Slovakia  | NPHV (priemerná) (ppm)                                     | 20 ppm  |
| Slovakia  | Upozornenie (SK)   | (K)   |
| Spain   | VLA-ED (mg/m <sup>3</sup> )                                | 100 mg/m <sup>3</sup>   |
| Spain   | VLA-ED (ppm)   | 20 ppm  |
| Spain   | VLA-EC (mg/m <sup>3</sup> )                                | 250 mg/m <sup>3</sup>   |
| Spain   | VLA-EC (ppm)   | 50 ppm  |
| Spain   | Notes  | via dérmica, VLI  |
| Sweden  | Anmärkning (SE)  | H   |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |  |   |
| Denmark   | Grænseværdie (kortvarig) (mg/m <sup>3</sup> )              | 550 mg/m <sup>3</sup>   |
| Denmark   | Grænseværdie (kortvarig) (ppm)                             | 100 ppm   |
| Finland   | Huomautus (FI)   | iho   |
| France  | Note (FR)  | Peau  |
| Germany   | TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> ) | 270 mg/m <sup>3</sup>   |
| Germany   | TRGS 900 Limitation of exposure peaks (ppm)                | 50 ppm  |
| Slovakia  | NPHV (priemerná) (mg/m <sup>3</sup> )                      | 275 mg/m <sup>3</sup>   |
| Slovakia  | NPHV (priemerná) (ppm)                                     | 50 ppm  |
| Slovakia  | Upozornenie (SK)   | (K)   |
| Spain   | VLA-ED (mg/m <sup>3</sup> )                                | 275 mg/m <sup>3</sup>   |
| Spain   | VLA-ED (ppm)   | 50 ppm  |
| Spain   | VLA-EC (mg/m <sup>3</sup> )                                | 550 mg/m <sup>3</sup>   |
| Spain   | VLA-EC (ppm)   | 100 ppm   |
| Spain   | Notes  | VLI   |
| Sweden  | Anmärkning (SE)  | H   |

### 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Either local exhaust or general room ventilation is usually required. Eyewash stations. |
| Personal protective equipment    | : Avoid all unnecessary exposure.  |
| Hand protection                  | : It is a good industrial hygiene practice to minimize skin contact. Wear suitable gloves. rubber. EN 374.   |
| Eye protection                   | : Chemical goggles or safety glasses. EN 166.  |
| Skin and body protection         | : Wear suitable protective clothing. Impervious clothing. EN702.   |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

|                            |   |
|----------------------------|---|
| Respiratory protection     | : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Use air-purifying respirator equipped with particulate filtering cartridges. EN 12083. |
| Thermal hazard protection  | : Flame retardant clothing should be used when handling in molten state.  |
| Consumer exposure controls | : Avoid contact during pregnancy/while nursing.   |

### 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                                      | : pink.                       |
| Odour                                       | : odourless.                  |
| Odour threshold                             | : No data available           |
| pH  | : No data available           |
| Relative evaporation rate (butyl acetate=1) | : No data available           |
| Melting point                               | : 152 °C / 306 °F             |
| Freezing point                              | : No data available           |
| Boiling point                               | : No data available           |
| Flash point                                 | : 210 °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                            | : > 1                         |
| Solubility                                  | : insoluble in water.         |
| 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           |

#### 9.2. Other information

|             |       |
|-------------|-------|
| VOC content | : 0 % |
|-------------|-------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Avoid creating or spreading dust. Contact with incompatible materials.

#### 10.5. Incompatible materials

Strong oxidizing agents. Strong bases. Strong acids.

#### 10.6. Hazardous decomposition products

Burning produces irritating, toxic and noxious fumes.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity** : Not classified (Based on available data, the classification criteria are not met)

##### Iron oxide red (1309-37-1)

|               |               |
|---------------|---------------|
| LD50 oral rat | > 10000 mg/kg |
|---------------|---------------|

##### 4,4'-isopropylidenediphenol (80-05-7)

|               |                            |
|---------------|----------------------------|
| LD50 oral rat | > 2000 (2000 - 5000) mg/kg |
|---------------|----------------------------|



# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

| <b>4,4'-isopropylidenediphenol (80-05-7)</b>      |  |
|---|--|
| LD50 dermal rabbit                                | 3000 mg/kg                                       |
| LC50 inhalation rat (mg/l)                        | 170 mg/m <sup>3</sup> 6 h, no mortality observed |
| ATE CLP (oral)                                    | 2000.000 mg/kg bodyweight                        |
| ATE CLP (dermal)                                  | 3000.000 mg/kg bodyweight                        |
| <b>1-Methoxy-2-propanol (107-98-2)</b>            |  |
| LD50 oral rat                                     | 4016 mg/kg bodyweight                            |
| LD50 dermal rat                                   | > 2000 mg/kg bodyweight                          |
| LC50 inhalation rat (ppm)                         | > 7000 ppm 6 hr                                  |
| ATE CLP (oral)                                    | 4016.000 mg/kg bodyweight                        |
| <b>1,2,4-trimethylbenzene (95-63-6)</b>           |  |
| LD50 oral rat                                     | 3415 mg/kg                                       |
| LD50 dermal rat                                   | 3440 mg/kg                                       |
| LC50 inhalation rat (ppm)                         | 954 ppm  |
| ATE CLP (oral)                                    | 3415.000 mg/kg bodyweight                        |
| ATE CLP (dermal)                                  | 3440.000 mg/kg bodyweight                        |
| ATE CLP (dust,mist)                               | 1.500 mg/l/4h                                    |
| <b>cumene (98-82-8)</b>                           |  |
| LD50 oral rat                                     | 4000 mg/kg                                       |
| LD50 dermal rabbit                                | 10600 mg/kg                                      |
| LC50 inhalation rat (mg/l)                        | 22.1 mg/l  |
| LC50 inhalation rat (ppm)                         | 4510 ppm/4h                                      |
| ATE CLP (oral)                                    | 4000.000 mg/kg bodyweight                        |
| ATE CLP (dermal)                                  | 10600.000 mg/kg bodyweight                       |
| ATE CLP (gases)                                   | 4510.000 ppmv/4h                                 |
| ATE CLP (vapours)                                 | 22.100 mg/l/4h                                   |
| ATE CLP (dust,mist)                               | 22.100 mg/l/4h                                   |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |  |
| LD50 oral rat                                     | 8532 mg/kg                                       |
| LD50 dermal rat                                   | > 2000 mg/kg                                     |
| LC50 inhalation rat (ppm)                         | 4345 ppm 6 h                                     |
| ATE CLP (oral)                                    | 8532.000 mg/kg bodyweight                        |

|   |   |
|---|---|
| <b>Skin corrosion/irritation</b>                          | : Not classified (Based on available data, the classification criteria are not met) |
| <b>Serious eye damage/irritation</b>                      | : Causes serious eye damage.  |
| <b>Respiratory or skin sensitisation</b>                  | : May cause an allergic skin reaction.  |
| <b>Germ cell mutagenicity</b>                             | : Not classified (Based on available data, the classification criteria are not met) |
| <b>Carcinogenicity</b>                                    | : Not classified (Based on available data, the classification criteria are not met) |
| <b>Reproductive toxicity</b>                              | : Suspected of damaging fertility or the unborn child.                              |
| <b>Specific target organ toxicity (single exposure)</b>   | : May cause respiratory irritation.   |
| <b>Specific target organ toxicity (repeated exposure)</b> | : Not classified (Based on available data, the classification criteria are not met) |
| <b>Aspiration hazard</b>                                  | : Not classified (Based on available data, the classification criteria are not met) |

## SECTION 12: Ecological information

### 12.1. Toxicity

| <b>Iron oxide red (1309-37-1)</b>            |                |
|--|----------------|
| EC50 Daphnia 1                               | > 100 mg/l     |
| <b>4,4'-isopropylidenediphenol (80-05-7)</b> |                |
| LC50 fish 1                                  | 9.4 mg/l 96 h  |
| EC50 Daphnia 1                               | 10.2 mg/l 48 h |
| <b>1-Methoxy-2-propanol (107-98-2)</b>       |                |
| LC50 fish 1                                  | 20800 mg/l     |
| EC50 Daphnia 1                               | 23300 mg/l     |
| ErC50 (algae)                                | > 1000 mg/l    |
| <b>1,2,4-trimethylbenzene (95-63-6)</b>      |                |
| LC50 fish 1                                  | 7.72 mg/l      |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

| <b>1,2,4-trimethylbenzene (95-63-6)</b>           |                 |
|---|-----------------|
| LC50 other aquatic organisms 1                    | 3.6 mg/l        |
| EC50 other aquatic organisms 1                    | 2.356 mg/l      |
| <b>cumene (98-82-8)</b>                           |                 |
| LC50 fish 1                                       | 4.8 mg/l        |
| EC50 other aquatic organisms 1                    | 2.14 mg/l       |
| NOEC (acute)                                      | 1.9 mg/l        |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |                 |
| LC50 fish 1                                       | 100 - 180 mg/l  |
| EC50 Daphnia 1                                    | > 500 mg/l 48 h |
| ErC50 (algae)                                     | > 1000 mg/l     |

### 12.2. Persistence and degradability

| <b>4,4'-isopropylidenediphenol (80-05-7)</b>      |   |
|---|---|
| Biodegradation                                    | 89 % 28 d   |
| <b>1-Methoxy-2-propanol (107-98-2)</b>            |   |
| Persistence and degradability                     | Readily biodegradable.                                  |
| Biodegradation                                    | 96 % 28 d   |
| <b>cumene (98-82-8)</b>                           |   |
| Persistence and degradability                     | May cause long-term adverse effects in the environment. |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |   |
| Persistence and degradability                     | Readily biodegradable.                                  |
| Biodegradation                                    | 89 % 10 d   |

### 12.3. Bioaccumulative potential

| <b>4,4'-isopropylidenediphenol (80-05-7)</b>      |                                |
|---|--------------------------------|
| Log Pow   | 3.4                            |
| <b>1-Methoxy-2-propanol (107-98-2)</b>            |                                |
| Bioaccumulative potential                         | Not expected to bioaccumulate. |
| <b>cumene (98-82-8)</b>                           |                                |
| Bioaccumulative potential                         | Not established.               |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |                                |
| Log Pow   | 0.43                           |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| <b>Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)</b> |  |
|--|--|
| 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

|                                   |   |
|-----------------------------------|---|
| Sewage disposal recommendations   | : Do not dispose of waste into sewer.   |
| Waste disposal recommendations    | : Dispose in a safe manner in accordance with local/national regulations.   |
| Ecology - waste materials         | : Avoid release to the environment.   |
| European List of Waste (LoW) code | : For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.  |
| H code                            | : H10 - 'Toxic for reproduction': substances and preparations which, if they are inhaled or ingested or if they penetrate the skin, may induce non-hereditary congenital malformations or increase their incidence.<br>H4 - 'Irritant': non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation.<br>H13 - 'Sensitizing': substances and preparations which, if they are inhaled or if they penetrate the skin, are capable of eliciting a reaction of hypersensitization such that on further exposure to the substance or preparation, characteristic adverse effects are produced. |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 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) : 2 - 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 (EC) No. 453/2010

Indication of changes:

Added. Product.

Abbreviations and acronyms:

|  |   |
|--|---|
|  | ACGIH (American Conference of Government Industrial Hygienists)                             |
|  | 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   |
|  | PNEC: Predicted No Effect Level   |
|  | STEL: Short Term Exposure Limits  |

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

|  |                                    |
|--|------------------------------------|
|  | TSCA: Toxic Substances Control Act |
|  | TWA: Time Weight Average           |

### Data sources

: ACGIH 2000.

Canadian Centre for Occupational Health and Safety. Accessed at:  
[http://www.ccohs.ca/oshanswers/legisl/whmis\\_classifi.html](http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html).

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

European Chemicals Agency (ECHA) Registered Substances list. Accessed at  
<http://echa.europa.eu/>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.

National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition.

OSHA 29CFR 1910.1200 Hazard Communication Standard.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

TSCA Chemical Substance Inventory. Accessed at  
<http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

### Other information

: None.

### Full text of R-, H- and EUH-phrases:

|                                     |  |
|-------------------------------------|--|
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4   |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2                          |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |
| Flam. Liq. 3                        | Flammable liquids, Category 3  |
| Repr. 2                             | Reproductive toxicity, Category 2  |
| Repr. 2                             | Reproductive toxicity, Category 2  |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1                        | Sensitisation — Skin, category 1   |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Narcosis                     |
| H226                                | Flammable liquid and vapour  |
| H304                                | May be fatal if swallowed and enters airways   |
| H315                                | Causes skin irritation   |
| H317                                | May cause an allergic skin reaction  |
| H318                                | Causes serious eye damage  |
| H319                                | Causes serious eye irritation  |
| H332                                | Harmful if inhaled   |
| H335                                | May cause respiratory irritation   |
| H336                                | May cause drowsiness or dizziness  |
| H361                                | Suspected of damaging fertility or the unborn child  |
| H361f                               | Suspected of damaging fertility  |
| H411                                | Toxic to aquatic life with long lasting effects  |
| R10                                 | Flammable  |
| R20                                 | Harmful by inhalation  |
| R36/37/38                           | Irritating to eyes, respiratory system and skin  |
| R37                                 | Irritating to respiratory system   |
| R41                                 | Risk of serious damage to eyes   |
| R43                                 | May cause sensitisation by skin contact  |
| R51/53                              | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R52                                 | Harmful to aquatic organisms   |
| R62                                 | Possible risk of impaired fertility  |
| R65                                 | Harmful: may cause lung damage if swallowed  |
| R67                                 | Vapours may cause drowsiness and dizziness   |
| N                                   | Dangerous for the environment  |
| Xi                                  | Irritant   |
| Xn                                  | Harmful  |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|            |      |                    |
|------------|------|--------------------|
| Eye Dam. 1 | H318 | Calculation method |
|------------|------|--------------------|

# Thermomelt® HEAT-STIK Marker 306 °F (152 °C), 313 °F (156 °C)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

|              |      |                    |
|--------------|------|--------------------|
| Skin Sens. 1 | H317 | Calculation method |
| Repr. 2      | H361 | Calculation method |
| STOT SE 3    | H335 | Calculation method |

LA-CO EU CLP SDS

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*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*