

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/7

### HI TEMP MARKER

Revision 1

Revision date 2015-11-13

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

##### 1.1. Product identifier

Product name	HI TEMP MARKER
Product code	MS04505(MS04505B/MS04505Y)

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; [ERC5] Industrial use resulting in inclusion into or onto a matrix;
-------------	--

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

Company	Weldability   Sif
Address	Peters House, The Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1ET. UK.
Web	www.weldability-sif.com
Telephone	0870 330 7757
Fax	0800 970 7757
Email	service@weldability-sif.com
Email address of the competent person	msds@weldability-sif.com

##### 1.4. Emergency telephone number

Emergency telephone number	0870 330 7757
Company	Weldability Sif 8.30 - 5.30 Mon - Fri

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	T; R45-46-61Xn; R20-33-62-65 N; R51/53 Symbols: T: Toxic. N: Dangerous for the environment.
Main hazards	Harmful by inhalation. Danger of cumulative effects. May cause cancer. May cause heritable genetic damage. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause harm to the unborn child. Possible risk of impaired fertility. Harmful: may cause lung damage if swallowed.
2.1.2. Classification - EC 1272/2008	Asp. Tox. 1: H304; Skin Irrit. 2: H315; Muta. 1B: H340; Carc. 1B: H350; Repr. 1A: H360Df; STOT RE 2: H373; Aquatic Chronic 2: H411;


##### 2.2. Label elements

## HI TEMP MARKER

Revision 1

Revision date 2015-11-13

## 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Muta. 1B: H340 - May cause genetic defects . Carc. 1B: H350 - May cause cancer . Repr. 1A: H360Df - May damage the unborn child. Suspected of damaging fertility. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . P308+P313 - IF exposed or concerned: Get medical advice/attention. P314 - Get medical advice/attention if you feel unwell. P321 - Specific treatment (see on this label). P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P391 - Collect spillage.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom.	649-356-00-4	64742-95-6	265-199-0			Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	
C.I. Pigment Yellow 34	082-009-00-X	1344-37-2	215-693-7			Carc. Cat. 2; R45 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33 N; R50/53	
Titanium Dioxide		13463-67-7	236-675-5				
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7			R10 Xn; R20/21 Xi; R38	
1,2,4-Trimethylbenzene	601-043-00-3	95-63-6	202-436-9			R10 Xn; R20 Xi; R36/37/38 N; R51/53	
Ethylbenzene	601-023-00-4	100-41-4	202-849-4			F; R11 Xn; R20	

## HI TEMP MARKER

Revision 1

Revision date 2015-11-13

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom.	649-356-00-4	64742-95-6	265-199-0			Carc. 1B: H350; Muta. 1B: H340; Asp. Tox. 1: H304;	
C.I. Pigment Yellow 34	082-009-00-X	1344-37-2	215-693-7			Carc. 1B: H350; Repr. 1A: H360Df; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Titanium Dioxide		13463-67-7	236-675-5				
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7			Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315;	
1,2,4-Trimethylbenzene	601-043-00-3	95-63-6	202-436-9			Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411;	
Ethylbenzene	601-023-00-4	100-41-4	202-849-4			Flam. Liq. 2: H225; Acute Tox. 4: H332;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If unconscious and breathing is OK, place in the recovery position. Seek medical attention if irritation or symptoms persist. If breathing is difficult give oxygen.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. Immediate medical attention is required. Never give anything by mouth to an unconscious person.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Foam. Do NOT use water jet.
--	--

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

	Burning produces irritating, toxic and obnoxious fumes.
--	---

## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary. Do not allow runoff water to enter sewers or drains.
--	--

## SECTION 6: Accidental release measures

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

	Eliminate all sources of ignition. Ensure adequate ventilation of the working area. Wear suitable respiratory equipment when necessary. Wear suitable protective clothing and eye/face protection.
--	--

## 6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained. Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way.
--	--

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

	Dispose of in compliance with all local regulations. Refer to disposal considerations in Section 13. Absorb with inert, absorbent material.
--	---

## SECTION 7: Handling and storage

# HI TEMP MARKER

Revision 1  
Revision date 2015-11-13

## 7.1. Precautions for safe handling

	Handle and open container with care. Avoid sparks, flames, heat and sources of ignition. Use only non-sparking tools.
--	---

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

	Keep away from sources of ignition - No smoking. Keep in a cool, dry, well ventilated area. Keep only in the original container. Keep out of the reach of children.
--	---



## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

1,2,4-Trimethylbenzene	DIR: 2000/39	8hTWA ppm: 20
	8hTWA mg/m <sup>3</sup> : 100	STEL ppm: -
	STEL mg/m <sup>3</sup> : -	NOT: -
Ethylbenzene	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m <sup>3</sup> : 441
	WEL 15 min limit ppm: 125	WEL 15 min limit mg/m <sup>3</sup> : 552
	WEL 8-hr limit mg/m <sup>3</sup> total - inhalable dust:	WEL 15 min limit mg/m <sup>3</sup> total - inhalable dust:
	WEL 8-hr limit mg/m <sup>3</sup> total - respirable dust:	WEL 15 min limit mg/m <sup>3</sup> total - respirable dust:
Titanium Dioxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m <sup>3</sup> : -
	WEL 8-hr limit mg/m <sup>3</sup> total 10 inhalable dust:	WEL 15 min limit mg/m <sup>3</sup> total - inhalable dust:
	WEL 8-hr limit mg/m <sup>3</sup> total 4 respirable dust:	WEL 15 min limit mg/m <sup>3</sup> total - respirable dust:
Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m <sup>3</sup> : 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m <sup>3</sup> : 441
	WEL 8-hr limit mg/m <sup>3</sup> total - inhalable dust:	WEL 15 min limit mg/m <sup>3</sup> total - inhalable dust:
	WEL 8-hr limit mg/m <sup>3</sup> total - respirable dust:	WEL 15 min limit mg/m <sup>3</sup> total - respirable dust:

### 8.2. Exposure controls

	 
8.2.1. Appropriate engineering controls	Keep away from foodstuffs, beverages and feed. Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Remove contaminated clothing.
Eye / face protection	Avoid contact with eyes. Wear eye/face protection.
Skin protection - Handprotection	Wear suitable gloves. Wash hands after handling the product.
Respiratory protection	Appropriate respiratory protection.

## SECTION 9: Physical and chemical properties

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

## HI TEMP MARKER

Revision 1  
Revision date 2015-11-13

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White/Yellow
Odour	Characteristic
Initial boiling point	318 - 338
Flash point	24
Vapour density	> 1
Evaporation rate	< 1

## 9.2. Other information

VOC (Volatile organic compounds)	705
Specific gravity	1

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	Strong oxidising agents. Reducing agents. Strong acids. Alkalis.
--	--

## 10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition.
--	---

## 10.6. Hazardous decomposition products

	Toxic fumes. Carbon dioxide (CO <sub>2</sub> ). Toxic fumes.
--	--

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.
Serious eye damage/irritation	May cause irritation to skin, eyes and mucous membranes.
Respiratory or skin sensitisation	May cause dizziness and headache. Ingestion may cause nausea and vomiting.

## SECTION 12: Ecological information

## Further information

	Do not allow product to enter drains. Do not flush into surface water.
--	--

## SECTION 13: Disposal considerations

## Disposal methods

	This material and its container must be disposed of in a safe way. Local and national regulations. Do not mix with household rubbish.
--	---

## SECTION 14: Transport information

## Hazard pictograms

	
--	---

## 14.1. UN number

	UN1993
--	--------

## HI TEMP MARKER

Revision 1

Revision date 2015-11-13

## 14.2. UN proper shipping name

	FLAMMABLE LIQUID, N.O.S.
--	--------------------------

## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
---------------	-----

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	30
-----------	----

## IMDG

EmS Code	F-E S-E
----------	---------

## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## SECTION 15: Regulatory information

## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable. R20/21 - Harmful by inhalation and in contact with skin. R20 - Harmful by inhalation. R33 - Danger of cumulative effects. R36/37/38 - Irritating to eyes, respiratory system and skin. R38 - Irritating to skin. R45 - May cause cancer. R46 - May cause heritable genetic damage. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## HI TEMP MARKER

Revision 1

Revision date 2015-11-13

## Other information

<p><b>Text of Hazard Statements in Section 3</b></p>	<p>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  R61 - May cause harm to the unborn child.  R62 - Possible risk of impaired fertility.  R65 - Harmful: may cause lung damage if swallowed.</p> <hr/> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  Muta. 1B: H340 - May cause genetic defects .  Carc. 1B: H350 - May cause cancer .  Repr. 1A: H360Df - May damage the unborn child. Suspected of damaging fertility.  STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .  Aquatic Acute 1: H400 - Very toxic to aquatic life.  Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  Flam. Liq. 3: H226 - Flammable liquid and vapour.  Acute Tox. 4: H312 - Harmful in contact with skin.  Skin Irrit. 2: H315 - Causes skin irritation.  Acute Tox. 4: H332 - Harmful if inhaled.  Eye Irrit. 2: H319 - Causes serious eye irritation.  STOT SE 3: H335 - May cause respiratory irritation.  Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p>
<p><b>Maximum content of VOC</b></p>	<p>705.</p>

## General information

	<p>This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information supplied in this safety data sheet is designed only as guidance for safe use, storage and handling of the product. This information relates only to the specific goods listed and may not be valid for such material used in combination with any other product(s).</p>
--	---