



**SAFETY DATA SHEET**  
**In Accordance with ISO/DIS 11014**

Review Date 02/18/2015

Revision Date 05/24/2012

**1 Identification of the Substance/Mixture and Company**

**Product Name:** ClearMount

**MSDS Code:** SSMC01

**Product Description:** Mounting Medium

**Manufacturer/Supplier:**

American MasterTech  
1330 Thurman Street  
Lodi, CA 95240  
USA  
(800) 860-4073

**European Authorized Representative:**

Emergo Europe  
Moleensraat 15  
2513 BH The Hague,  
The Netherlands

**Emergency Telephone Number:** Infotrac (800) 535-5053 (24 hours) - International (011) 352-323-3500

**2 Hazards Identification**

**Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Acute Tox. 5 H313 May be harmful in contact with skin.

Acute Tox. 5 H333 May be harmful if inhaled.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xn; Harmful

R20/21-48/20-63-65: Harmful by inhalation and in contact with skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed.

# SAFETY DATA SHEET

## In Accordance with ISO/DIS 11014


Review Date 02/18/2015

Revision Date 05/24/2012

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**Product Name: ClearMount**


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 Xi; Irritant

R38: Irritating to skin.

 F; Highly flammable

R11: Highly flammable.

**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of international guidelines.

**Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

**Label elements****GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS02    GHS07    GHS08

**Signal word** Danger**Hazard-determining components of labeling:**

toluene

**Hazard statements**

Highly flammable liquid and vapour.

May be harmful in contact with skin.

May be harmful if inhaled.

Causes skin irritation.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 3

Reactivity = 0

# SAFETY DATA SHEET

## In Accordance with ISO/DIS 11014

Review Date 02/18/2015

Revision Date 05/24/2012

**Product Name: ClearMount****HMIS-ratings (scale 0 - 4)**

Health = \*2

Fire = 3

Reactivity = 0

**Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

### 3 Composition

**Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 1330-20-7	?? ⚠ Flam. Liq. 1, H224	<50%
CAS: 108-88-3 EINECS: 203-625-9	toluene ⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<50%

### 4 First Aid Measures

**Description of first aid measures****General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** If symptoms persist consult doctor.**Information for doctor:****Most important symptoms and effects, both acute and delayed:** No further relevant information available.**Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

### 5 Firefighting Measures

**Extinguishing media****Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.**For safety reasons unsuitable extinguishing agents:** Water with full jet**Special hazards arising from the substance or mixture:** No further relevant information available.**Advice for firefighters****Protective equipment:** Mouth respiratory protective device.

# SAFETY DATA SHEET

## In Accordance with ISO/DIS 11014

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Revision Date 05/24/2012

---

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### 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### 7 Handling and Storage

**Handling:**
**Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

**Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**Conditions for safe storage, including any incompatibilities**
**Storage:**

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**Specific end use(s):** No further relevant information available.

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### 8 Exposure Controls/Personal Protection

**Additional information about design of technical systems:** No further data; see item 7.

**Control parameters**

<b>Components with limit values that require monitoring at the workplace:</b>
Xylene, Mixed Isomers

# SAFETY DATA SHEET

## In Accordance with ISO/DIS 11014

Review Date 02/18/2015

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PEL	435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI
<b>108-88-3 toluene</b>	
PEL	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV	75 mg/m <sup>3</sup> , 20 ppm BEI

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls:****Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

**Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles

## 9 Physical and Chemical Properties

**Information on basic physical and chemical properties****General Information****Appearance**

<b>Form:</b>	Fluid
<b>Color:</b>	Colorless
<b>Odor:</b>	Aromatic

## SAFETY DATA SHEET

### In Accordance with ISO/DIS 11014

Review Date 02/18/2015

Revision Date 05/24/2012

Product Name: ClearMount

<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	110°C (230 °F)
<b>Flash point:</b>	4°C (39 °F)
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	535°C (995 °F)
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	1.2 Vol %
<b>Upper:</b>	7.0 Vol %
<b>Vapor pressure at 20°C (68 °F):</b>	29 hPa (22 mm Hg)
<b>Density:</b>	Not determined.
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible or difficult to mix.
<b>Segregation coefficient (n-octanol/water):</b>	Not determined.
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Other information:</b>	No further relevant information available.

## 10 Stability and Reactivity

**Reactivity:****Chemical stability:****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**Possibility of hazardous reactions:** No dangerous reactions known.**Conditions to avoid:** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** No dangerous decomposition products known.

# SAFETY DATA SHEET

## In Accordance with ISO/DIS 11014

Review Date 02/18/2015

Revision Date 05/24/2012

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## 11 Toxicology Information

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values that are relevant for classification:

#### 108-88-3 toluene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

#### Primary irritant effect:

**On the skin:** Irritant to skin and mucous membranes.

**On the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

#### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

#### Carcinogenic categories

#### IARC (International Agency for Research on Cancer)

	Xylene, Mixed Isomers	3
108-88-3	toluene	3

#### NTP (National Toxicology Program)

None of the ingredients are listed.

## 12 Ecological Information

#### Toxicity:

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

#### Behavior in environmental systems:

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

# SAFETY DATA SHEET

## In Accordance with ISO/DIS 11014

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### 13 Disposal Considerations

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

### 14 Transport Information

<b>UN-Number</b> DOT, ADR, IMDG, IATA	UN1993
<b>UN proper shipping name</b> DOT, IMDG, IATA ADR	FLAMMABLE LIQUID, N.O.S. (TOLUENE, XYLENES) 1993 FLAMMABLE LIQUID, N.O.S. (TOLUENE, XYLENES)
<b>Transport hazard class(es)</b> DOT	
	
<b>Class</b> <b>Label</b>	3 Flammable liquids. 3
<b>ADR, IMDG, IATA</b>	
	
<b>Class</b> <b>Label</b>	3 Flammable liquids 3
<b>Packing group</b> DOT, ADR, IMDG, IATA	II
<b>Environmental hazards</b> <b>Marine pollutant:</b>	No
<b>Special precautions for user:</b> <b>Danger code (Kemler):</b> <b>EMS Number:</b>	Warning: Flammable liquids 33 F-E, <u>S-E</u>
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.
<b>UN "Model Regulation":</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (TOLUENE, XYLENES), 3, II



# SAFETY DATA SHEET

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Revision Date 05/24/2012

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### 15 Regulatory Information

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

#### SARA

##### Section 355 (extremely hazardous substances):

None of the ingredients are listed.

##### Section 313 (Specific toxic chemical listings):

108-88-3 | toluene

##### TSCA (Toxic Substances Control Act):

129698-94-8 | Acrylic Copolymer

108-88-3 | toluene

##### Proposition 65

##### Chemicals known to cause cancer:

None of the ingredients is listed.

##### Chemicals known to cause reproductive toxicity for females:

108-88-3 | toluene

##### Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

##### Chemicals known to cause developmental toxicity:

108-88-3 | toluene

##### Carcinogenic categories

##### EPA (Environmental Protection Agency)

Xylene, Mixed Isomers

I

108-88-3 | toluene

II

##### TLV (Threshold Limit Value established by ACGIH)

Xylene, Mixed Isomers

A4

108-88-3 | toluene

A4

##### NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

##### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

##### Hazard pictograms



GHS02



GHS07



GHS08

**Signal word** Danger

##### Hazard-determining components of labelling:

toluene

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**Hazard statements**

Highly flammable liquid and vapour.  
May be harmful in contact with skin.  
May be harmful if inhaled.  
Causes skin irritation.  
Suspected of damaging fertility or the unborn child.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other Information

This information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of the material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

**Department issuing SDS:** Regulatory Department**Contact:** Phone (800) 860-4073**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

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