

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

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

- **Trade name:** Hot Max Model 23000 Anti-Spatter Spray
- **Article number:** AS-16-A
- **MSDS Number:** 00105-CA
- **UPC bar code(s):** 816002001972
- **Relevant identified uses of the substance:** PREVENTS SPATTER BUILD UP
- **Manufacturer/Supplier:**  
WWW.CANTESCO.COM



USA ADDRESS :

KEMPER SYSTEM AMERICA, INC  
1200 NORTH AMERICA DR,  
WEST SENECA, NY 14224  
PH (716) 693-8206  
FAX (716) 558-2969



CANADIAN ADDRESS :

KEMPER SYSTEM CANADA  
13 - 5200 DIXIE ROAD  
MISSISSAUGA, ON L4W 1E4  
PH (905) 624-5463  
FAX (905) 624-2840

- **Information department:**  
Tel: (716) 558-2971 ext. 228  
www.cantesco.com
- **Emergency telephone number:**  
ChemTrec (800) 424-9300  
Canada only: CANUTEC (Call collect) (613) 996-6666

## 2 Hazards identification

- **Classification of the substance or mixture:**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

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

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

Warning! Pressurized container.

- **Classification system:**

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

- **Risk phrases:**

Limited evidence of a carcinogenic effect.

- **Safety phrases:**

Keep out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

Avoid contact with eyes.

Wear suitable protective clothing and gloves.

If swallowed, seek medical advice immediately and show this container or label.

(Contd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name:** CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER

(Contd. of page 1)

Use only in well-ventilated areas.

· **Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights.  
Do not pierce or burn, even after use.

· **Hazard description:**

· **WHMIS-symbols:**

A - Compressed gas

D1B - Toxic material causing immediate and serious toxic effects

D2B - Toxic material causing other toxic effects



· **NFPA ratings (scale 0 - 4):**



Health = 3

Fire = 0

Reactivity = 0

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

75-09-2	dichloromethane	☠ Carc. 2, H351	60-100%
124-38-9	carbon dioxide	⚠ Press. Gas, H280	3-5%

· **Additional information:** Exact concentrations are being withheld as trade secrets.

### 4 First aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult 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

· **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Protective equipment:** No special measures required.

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures:** Not required.

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name:** CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER

(Contd. of page 2)

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **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.

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

## 8 Exposure controls/personal protection

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

· **Components with limit values that require monitoring at the workplace:**

**75-09-2 dichloromethane**

EL	25 ppm IARC 2B
EV	175 mg/m <sup>3</sup> , 50 ppm

**124-38-9 carbon dioxide**

EL	Short-term value: 15000 ppm Long-term value: 5000 ppm
EV	Short-term value: 54.000 mg/m <sup>3</sup> , 30.000 ppm Long-term value: 9.000 mg/m <sup>3</sup> , 5.000 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 4)

CA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name:** CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER

(Contd. of page 3)

· **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.

· **Eye protection:** Not required.

## 9 Physical and chemical properties

· <b>Form:</b>	Liquid Under Pressure
· <b>Color:</b>	Light yellow
· <b>Odor:</b>	Strong Ether-like
· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	-96.7 °C
<b>Boiling point/Boiling range:</b>	104 °C
· <b>Flash point:</b>	Not applicable, as aerosol.
· <b>Flammability (solid, gaseous):</b>	Product is not flammable.
· <b>Ignition temperature:</b>	605 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits</b>	
<b>Lower:</b>	13.0 Vol %
<b>Upper:</b>	22.0 Vol %
· <b>Vapor pressure at 20 °C:</b>	400 mm Hg
· <b>Density at 20 °C:</b>	1.056 g/cm <sup>3</sup>
· <b>Relative density:</b>	Not determined.
· <b>Vapour density at 20 °C:</b>	2.93 (AIR=1)
· <b>Evaporation rate at 20 °C:</b>	27.5 (BA=1)
· <b>Solubility in / Miscibility with</b>	
<b>Water at 20 °C:</b>	20 g/l
· <b>Partition coefficient (n-octanol/water):</b>	1.25 log POW
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	90.5 %
<b>Solids content:</b>	5.5 %

(Contd. on page 5)

CA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name:** CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER

(Contd. of page 4)

· <b>Other information</b>	VOC Content:	>900 g/kg
	VOC %:	90%
	HAP Content:	90%
	MIR Value:	0.068 g O <sub>3</sub> /g

## 10 Stability and reactivity

- **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.

## 11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity**

- **LD/LC50 values that are relevant for classification:**

### 75-09-2 dichloromethane

Oral	LD50	1600 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/l (rat)

- **Primary irritant effect**
- **on the skin:** No irritant effect.
- **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:

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

75-09-2	dichloromethane	2B
---------	-----------------	----

- **NTP (National Toxicology Program)**

75-09-2	dichloromethane	R
---------	-----------------	---

## 12 Ecological information

- **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.

(Contd. on page 6)

CA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name:** CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER

(Contd. of page 5)

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

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings**

· **Recommendation:**

Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

## 14 Transport information

· **UN-Number**

· **DOT, TDG, IMDG, IATA**

UN1950

· **UN proper shipping name**

· **DOT, IATA**

AEROSOLS, non-flammable, containing substances in Division 6.1

· **TDG**

1950 AEROSOLS

· **IMDG**

AEROSOLS

· **Transport hazard class(es)**

· **DOT**



· **Class**

2.2

· **Label**

2.2+6.1

· **TDG (Transport dangerous goods):**



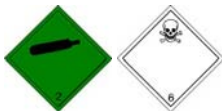
· **TDG class:**

2 5T Gases

· **Label**

2.2+6.1

· **IMDG, IATA**



· **Class**

2.2

· **Label**

2.2+6.1

· **Packing group**

· **DOT, TDG, IMDG, IATA**

Not Available

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name: CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER**

(Contd. of page 6)

· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user:</b>	Warning: Gases
· <b>Danger code (Kemler):</b>	-
· <b>EMS Number:</b>	F-D,S-U
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>DOT</b>	
· <b>Remarks:</b>	This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
· <b>TDG</b>	
· <b>Remarks:</b>	This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
· <b>IMDG</b>	
· <b>Remarks:</b>	This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
· <b>IATA</b>	
· <b>Remarks:</b>	This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
· <b>UN "Model Regulation":</b>	UN1950, AEROSOLS, 2.2 (6.1)

## 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 is listed.

· **Section 313 (Specific toxic chemical listings):**

75-09-2 | dichloromethane

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

75-09-2 | dichloromethane

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

(Contd. on page 8)

CA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name:** CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER

(Contd. of page 7)

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency):**

75-09-2 dichloromethane

B2

· **TLV (Threshold Limit Value established by ACGIH):**

75-09-2 dichloromethane

A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

75-09-2 dichloromethane

· **OSHA-Ca (Occupational Safety & Health Administration):**

75-09-2 dichloromethane

· **Canadian substance listings**

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%):**

75-09-2 dichloromethane

· **Canadian Ingredient Disclosure list (limit 1%):**

124-38-9 carbon dioxide

· **Product related hazard informations:**

· **Hazard-determining components of labelling:**

dichloromethane

· **Risk phrases:**

Limited evidence of a carcinogenic effect.

· **Safety phrases:**

Keep out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

Avoid contact with eyes.

Wear suitable protective clothing and gloves.

If swallowed, seek medical advice immediately and show this container or label.

Use only in well-ventilated areas.

· **Special labeling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights.

Do not pierce or burn, even after use.

## 16 Other information

This MSDS format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements. Kemper System America, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of Kemper System America, Inc. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made. Kemper System America, Inc is an ISO 9001:2008 registered company.

(Contd. on page 9)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 10/08/2013

Reviewed on 10/08/2013

**Trade name: CANTESCO® HEAVY DUTY SOLVENT BASED ANTI-SPATTER**

(Contd. of page 8)

· **Department issuing MSDS:** Product safety department

· **Contact:** Stephen Nowicki

· **Abbreviations and acronyms:**

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)

WHMIS: Workplace Hazardous Materials Information System (Canada)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

CA