

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

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

- **1.1 Product identifier**
- **Trade name:** Mono-Tack Spray Adhesive
- **Article number:** 22-65
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Adhesive.
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Mon-Eco Industries, Inc.  
5 Joanna Ct.  
East Brunswick, NJ 08816  
Phone: 732-257-7942
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585



MON-ECO INDUSTRIES, INCORPORATED

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H360Df.  
The following classifications are applicable only to OSHA (USA) regulations and not the specific CLP regulation: H360.  
Repr. 1 H360: May damage fertility or the unborn child



health hazard

Carc. 1B H350 May cause cancer.

Repr. 1B H360Df May damage the unborn child. Suspected of damaging fertility.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

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



T; Toxic

R61: May cause harm to the unborn child.



Xi; Irritant

R36/38: Irritating to eyes and skin.

(Contd. on page 2)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

(Contd. of page 1)

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

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger

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

dibutyl phthalate

toluene

- **Hazard statements**

The following Hazard Statements are applicable only according to OSHA regulations within the United States. These Statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H350.

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H360Df.

H360: May damage fertility or the unborn child.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H350 May cause cancer.

H360Df May damage the unborn child. Suspected of damaging fertility.

- **Precautionary statements**

P281 Use personal protective equipment as required.

P264 Wash thoroughly after handling.

P202 Do not handle until all safety precautions have been read and understood.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362 Take off contaminated clothing and wash before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

- **Additional information:**

Restricted to professional users.

(Contd. on page 3)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: Mono-Tack Spray Adhesive

(Contd. of page 2)

- **Hazard description:**
- **WHMIS-symbols:**  
D2A - Very toxic material causing other toxic effects



- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



\* - Indicates a long term health hazard from repeated or prolonged exposures.

- **HMIS Long Term Health Hazard Substances**

108-88-3	toluene
1309-64-4	antimony trioxide

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

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

	Vinyl-Acrylic copolymer Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319	25-50%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3	toluene Xn R48/20-63-65;  Xi R38;  F R11 R67 Repr. Cat. 3 Flam. Liq. 2, H225 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336	< 5%

(Contd. on page 4)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: **Mono-Tack Spray Adhesive**

(Contd. of page 3)

CAS: 84-74-2 EINECS: 201-557-4 Index number: 607-318-00-4	dibutyl phthalate T Repr. Cat. 2, 3 R61;  Xn R62;  N R50 ----- Repr. 1B, H360Df Aquatic Acute 1, H400	< 5%
CAS: 9016-45-9 NLP: 500-209-1	4-nonylphenyl-polyethylene glycol Xi R36/38;  N R51/53 ----- Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 5%
CAS: 108-05-4 EINECS: 203-545-4 Index number: 607-023-00-0	vinyl acetate F R11 Flam. Liq. 2, H225 Carc. 2, H351 Acute Tox. 4, H332; STOT SE 3, H335 Aquatic Chronic 3, H412	< 1%
CAS: 1309-64-4 EINECS: 215-175-0 Index number: 051-005-00-X	antimony trioxide Xn R40 Carc. Cat. 3 ----- Carc. 2, H351	< 1%
	Petroleum Distillates Carc. 1B, H350	< 1%

· **SVHC**

84-74-2	dibutyl phthalate
9016-45-9	4-nonylphenyl-polyethylene glycol

· **Additional information:** For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **General information:**

Immediately remove any clothing soiled by the product.  
Take affected persons out into the fresh air.

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.  
Provide oxygen treatment if affected person has difficulty breathing.

· **After skin contact:**

Immediately remove any clothing soiled by the product.  
Rinse with copious amounts of water. Wash with soap and water. Launder affected clothing before re-use.  
If skin irritation is experienced, consult a doctor.

· **After eye contact:**

Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.

(Contd. on page 5)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

(Contd. of page 4)

- **4.2 Most important symptoms and effects, both acute and delayed**  
Headache  
Breathing difficulty  
Dizziness  
Gastric or intestinal disorders when ingested.  
Nausea in case of ingestion.  
Irritant to skin and mucous membranes.  
Irritant to eyes.
- **Hazards**  
Danger of impaired breathing.  
Suspected of damaging fertility or the unborn child.  
May cause respiratory irritation.
- **4.3 Indication of any immediate medical attention and special treatment needed** Contains toluene.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Foam  
Fire-extinguishing powder  
Carbon dioxide  
Water haze or fog
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information** No further relevant information available.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.  
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
- **6.2 Environmental precautions:**  
Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 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.  
Send for recovery or disposal in suitable receptacles.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.

(Contd. on page 6)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

(Contd. of page 5)

See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Use only in well ventilated areas.  
Prevent formation of aerosols.  
Avoid splashes or spray in enclosed areas.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Storage area should be dry and well-ventilated.  
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Do not store together with acids.  
Store away from oxidising agents.
- **Further information about storage conditions:**  
Store in a cool place.  
Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

### Ingredients with limit values that require monitoring at the workplace:

#### 108-88-3 toluene

PEL (USA)	Long-term value: 200 ppm Ceiling limit: 300; 500* ppm *10-min peak per 8-hr shift
REL (USA)	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Long-term value: 75 mg/m <sup>3</sup> , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm R
EV (Canada)	Long-term value: 20 ppm

#### 84-74-2 dibutyl phthalate

PEL (USA)	Long-term value: 5 mg/m <sup>3</sup>
REL (USA)	Long-term value: 5 mg/m <sup>3</sup>

(Contd. on page 7)

## Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

(Contd. of page 6)

TLV (USA)	Long-term value: 5 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 5 mg/m <sup>3</sup> R
EV (Canada)	Long-term value: 5 mg/m <sup>3</sup>
<b>108-05-4 vinyl acetate</b>	
IOELV (EU)	Short-term value: 35,2 mg/m <sup>3</sup> , 10 ppm Long-term value: 17,6 mg/m <sup>3</sup> , 5 ppm
REL (USA)	Ceiling limit: 15* mg/m <sup>3</sup> , 4* ppm *15-min
TLV (USA)	Short-term value: 53 mg/m <sup>3</sup> , 15 ppm Long-term value: 35 mg/m <sup>3</sup> , 10 ppm
EL (Canada)	Short-term value: 15 ppm Long-term value: 10 ppm IARC 2B
EV (Canada)	Short-term value: 15 ppm Long-term value: 10 ppm
<b>1309-64-4 antimony trioxide</b>	
PEL (USA)	Long-term value: 0,5 mg/m <sup>3</sup>
REL (USA)	Long-term value: 0,5 mg/m <sup>3</sup> as Sb
TLV (USA)	Long-term value: 0,5 mg/m <sup>3</sup> as Sb; Production: L
EL (Canada)	ACGIH A2, IARC 2B

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.

**Ingredients with biological limit values:**
**108-88-3 toluene**

BEI (USA)	0,02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0,03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0,3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

- **Additional information:** The lists valid during the making were used as basis.

(Contd. on page 8)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

(Contd. of page 7)

- **8.2 Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

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 eyes and skin.

Do not inhale gases / fumes / aerosols.

Pregnant women should strictly avoid inhalation or skin contact.

- **Respiratory protection:**

Suitable respiratory protective device recommended.

Use suitable respiratory protective device when high concentrations are present.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.

- **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.

- **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:**



Safety glasses

- **Body protection:** Protective work clothing

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

(Contd. on page 9)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: Mono-Tack Spray Adhesive

(Contd. of page 8)

## SECTION 9: Physical and chemical properties

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

#### · General Information

#### · Appearance:

Form: Liquid

Colour: White

· Odour: Mild

· Odour threshold: Not determined.

· pH-value: Not determined.

#### · Change in condition

Melting point/Melting range: Not Determined.

Boiling point/Boiling range: 212 ° F/ 100 °C

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

· Auto/Self-ignition temperature: Not determined.

· Decomposition temperature: Not determined.

· Self-igniting: Product is not self-igniting.

· Danger of explosion: Product does not present an explosion hazard.

#### · Explosion limits:

Lower: Not determined.

Upper: Not determined.

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C: 1,11 g/cm<sup>3</sup>

· Relative density: Not determined.

· Vapour density at 20 °C: > 1 g/cm<sup>3</sup> (AIR =1)

· Evaporation rate at 20 °C: 1 (WATER = 1)

#### · Solubility in / Miscibility with

water: Partly soluble.

· Partition coefficient (n-octanol/water): Not determined.

#### · Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

### · 9.2 Other information

No further relevant information available.

(Contd. on page 10)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: Mono-Tack Spray Adhesive

(Contd. of page 9)

## SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Toxic fumes may be released if heated above the decomposition point.  
Reacts with strong acids and oxidising agents.
- **10.4 Conditions to avoid**  
Keep away from heat and direct sunlight.  
Store away from oxidising agents.
- **10.5 Incompatible materials:** Oxidizing agents
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Hydrogen chloride (HCl)

## SECTION 11: Toxicological information

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

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

### 108-88-3 toluene

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

### 84-74-2 dibutyl phthalate

Oral	LD50	8000 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Irritant  
May damage fertility or the unborn child.
- **Acute effects (acute toxicity, irritation and corrosivity):** Vapours have narcotic effect.
- **Repeated dose toxicity:** May cause damage to organs through prolonged or repeated exposure.

(Contd. on page 11)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: Mono-Tack Spray Adhesive

(Contd. of page 10)

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**  
Carc. 1B, Repr. 1B

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

**9016-45-9 4-nonylphenyl-polyethylene glycol**

LC50 | 1,821 mg/l (daphnia) (48 h)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods

#### · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

- **14.1 UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Not Regulated
- **14.2 UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Not Regulated

(Contd. on page 12)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: Mono-Tack Spray Adhesive

(Contd. of page 11)

- **14.3 Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Not Regulated
- **14.4 Packing group**
- **DOT, ADR, IMDG, IATA** Not Regulated
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· <b>Section 355 (extremely hazardous substances):</b>	
108-05-4	vinyl acetate

· <b>Section 313 (Specific toxic chemical listings):</b>	
108-88-3	toluene
84-74-2	dibutyl phthalate

· <b>TSCA (Toxic Substances Control Act):</b>	
All ingredients are listed.	

· <b>Proposition 65 (California):</b>	
· <b>Chemicals known to cause cancer:</b>	
1309-64-4	antimony trioxide

· <b>Chemicals known to cause reproductive toxicity for females:</b>	
108-88-3	toluene
84-74-2	dibutyl phthalate

· <b>Chemicals known to cause reproductive toxicity for males:</b>	
84-74-2	dibutyl phthalate

· <b>Chemicals known to cause developmental toxicity:</b>	
108-88-3	toluene
84-74-2	dibutyl phthalate

· <b>Carcinogenic Categories</b>		
· <b>EPA (Environmental Protection Agency)</b>		
108-88-3	toluene	II
84-74-2	dibutyl phthalate	D

(Contd. on page 13)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

Trade name: Mono-Tack Spray Adhesive

(Contd. of page 12)

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

108-88-3	toluene	3
108-05-4	vinyl acetate	2B
1309-64-4	antimony trioxide	2B

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

108-88-3	toluene	A4
108-05-4	vinyl acetate	A3
1309-64-4	antimony trioxide	A2

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

None of the ingredients are listed.

· **Canada**

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

All ingredients are listed.

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

None of the ingredients are listed.

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

108-88-3	toluene
84-74-2	dibutyl phthalate

· **Other regulations, limitations and prohibitive regulations**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

· **Substances of very high concern (SVHC) according to REACH, Article 57**

84-74-2	dibutyl phthalate
9016-45-9	4-nonylphenyl-polyethylene glycol

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H350 May cause cancer.
- H351 Suspected of causing cancer.
- H360Df May damage the unborn child. Suspected of damaging fertility.

(Contd. on page 14)

## Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

(Contd. of page 13)

- H361d Suspected of damaging the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.
- R11 Highly flammable.  
 R36/38 Irritating to eyes and skin.  
 R38 Irritating to skin.  
 R40 Limited evidence of a carcinogenic effect.  
 R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 R50 Very toxic to aquatic organisms.  
 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.  
 R63 Possible risk of harm to the unborn child.  
 R65 Harmful: may cause lung damage if swallowed.  
 R67 Vapours may cause drowsiness and dizziness.

**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  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 WHMIS: Workplace Hazardous Materials Information System (Canada)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 Flam. Liq. 2: Flammable liquids, Hazard Category 2  
 Acute Tox. 4: Acute toxicity, Hazard Category 4  
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
 Carc. 1B: Carcinogenicity, Hazard Category 1B  
 Carc. 2: Carcinogenicity, Hazard Category 2  
 Repr. 1B: Reproductive toxicity, Hazard Category 1B  
 Repr. 2: Reproductive toxicity, Hazard Category 2  
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2  
 Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

**Sources**

SDS Prepared by:  
 ChemTel Inc.  
 1305 North Florida Avenue  
 Tampa, Florida USA 33602-2902  
 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

(Contd. on page 15)

**Safety Data Sheet**  
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date 07.10.2014

Revision: 02.10.2014

**Trade name: Mono-Tack Spray Adhesive**

Website: [www.chemtelinc.com](http://www.chemtelinc.com)

(Contd. of page 14)