

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: May 16, 2018

Revision: May 16, 2018

1 Identification

- **Product identifier**
- **Trade name:** QuickStick High Strength Spray Adhesive
- **Other means of identification:** No other identifiers
- **Recommended use and restriction on use**
- **Recommended use:** Adhesive.
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Ductmate Industries, Inc.
210 5th St.
Charleroi, PA 15022
Phone: 800-990-8459
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)



2 Hazard(s) identification

- **Classification of the substance or mixture**
Press. Gas H280 Contains gas under pressure; may explode if heated.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
Carc. 2 H351 Suspected of causing cancer.
STOT SE 3 H336 May cause drowsiness or dizziness.
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**

GHS04 GHS07 GHS08
- **Signal word:** Warning
- **Hazard statements:**
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H336 May cause drowsiness or dizziness.
- **Precautionary statements:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mist/vapors/spray.
P264 Wash thoroughly after handling.

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P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection.
P302+P352	If on skin: Wash with plenty of soap and 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.
P312	Call a poison center/doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

75-09-2	dichloromethane  Carc. 2, H351  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H336	40-70%
811-97-2	Norflurane  Press. Gas, H280 Simple Asphyxiant	7-13%
115-10-6	dimethyl ether  Flam. Gas 1, H220  Press. Gas, H280	1-5%
124-38-9	carbon dioxide  Press. Gas, H280	0.5-5%
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	<0.2%

· **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
 For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

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

· **After skin contact:**

Wash with soap and water.
 If skin irritation continues, consult a doctor.

· **After eye contact:**

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Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

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

· **Most important symptoms and effects, both acute and delayed:**

May cause drowsiness or dizziness.
Irritating to eyes and skin.
Headache
Nausea in case of ingestion.
Disorientation
Unconsciousness

· **Danger:**

Danger of disturbed cardiac rhythm.
Vapors have narcotic effect.
Suspected of causing cancer.
May be harmful if inhaled.
May be harmful if swallowed.

· **Indication of any immediate medical attention and special treatment needed:**

Contains dichloromethane. Consult literature for specific antidotes.
Do not administer preparations of the adrenalin-ephedrine-group.
Medical supervision for at least 48 hours.
If necessary oxygen respiration treatment.
If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

The product is not flammable.
Use fire fighting measures that suit the environment.

· **For safety reasons unsuitable extinguishing agents:** None.

· **Special hazards arising from the substance or mixture**

Danger of receptacles bursting because of high vapor pressure if heated.
During heating or in case of fire poisonous gases are produced.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.
Wear fully protective suit.

· **Additional information:** Cool endangered receptacles with water in flooding quantities.

6 Accidental release measures

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

Ensure adequate ventilation.
Use personal protective equipment as required.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

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For large spills, evacuate area and contact authorities to perform cleanup.

· **Environmental precautions** Avoid release to the environment.

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

Allow to evaporate.

Absorb liquid components with liquid-binding material.

Send for recovery or disposal in suitable receptacles.

· **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:**

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

Avoid contact with the eyes and skin.

Keep out of reach of children.

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

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120 °F / 49 °C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurized containers.

Avoid storage near extreme heat.

· **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidizers, strong acids, strong bases.

· **Further information about storage conditions:**

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

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

8 Exposure controls/personal protection

· **Control parameters**

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

75-09-2 dichloromethane

PEL (USA)	Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910.1052
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 174 mg/m ³ , 50 ppm BEI
EL (Canada)	Long-term value: 25 ppm

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EV (Canada)	IARC 2A
LMPE (Mexico)	Long-term value: 175 mg/m ³ , 50 ppm
	Long-term value: 50 ppm
	A3, IBE

811-97-2 Norflurane

WEEL (USA)	Long-term value: 1000 ppm
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115-10-6 dimethyl ether

WEEL (USA)	Long-term value: 1000 ppm
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EL (Canada)	Long-term value: 1000 ppm
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124-38-9 carbon dioxide

PEL (USA)	Long-term value: 9000 mg/m ³ , 5000 ppm
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REL (USA)	Short-term value: 54,000 mg/m ³ , 30,000 ppm
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	Long-term value: 9000 mg/m ³ , 5000 ppm
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TLV (USA)	Short-term value: 54,000 mg/m ³ , 30,000 ppm
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	Long-term value: 9000 mg/m ³ , 5000 ppm
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EL (Canada)	Short-term value: 15000 ppm
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	Long-term value: 5000 ppm
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EV (Canada)	Short-term value: 54,000 mg/m ³ , 30,000 ppm
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	Long-term value: 9,000 mg/m ³ , 5,000 ppm
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LMPE (Mexico)	Short-term value: 30000 ppm
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	Long-term value: 5000 ppm
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14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

PEL (USA)	Long-term value: 20 mppcf ppm (containing <1% Quartz)
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REL (USA)	Long-term value: 2* mg/m ³ *respirable dust; and <1% Quartz
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TLV (USA)	Long-term value: 2* mg/m ³ *as respirable fraction; E
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EL (Canada)	Long-term value: 2 *0.1 f/cc mg/m ³ resp. *if contains asbestos : ACGIH A1, IARC 1
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EV (Canada)	Long-term value: 2* mg/m ³ , 2 f/cc ppm *respirable
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LMPE (Mexico)	Long-term value: 2* mg/m ³ A4, *fracción respirable
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· Ingredients with biological limit values:

75-09-2 dichloromethane

BEI (USA)	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
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· Exposure controls

· General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.

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- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.
- **Engineering controls:** Provide adequate ventilation.
- **Breathing equipment:**
Suitable respiratory protective device recommended.
NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.
- **Protection of hands:**



Protective gloves

- **Eye protection:**



Safety glasses

- Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Solvent resistant protective clothing
- **Limitation and supervision of exposure into the environment**
No relevant information available.
- **Risk management measures** No relevant information available.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form: Aerosol

Color: Clear

· Odor: Solvent-like

· Odor threshold: Not determined.

· pH-value: Not determined.

· Melting point/Melting range: Not applicable, as aerosol.

· Boiling point/Boiling range: Not applicable, as aerosol.

· Flash point: The product is not flammable.

· Flammability (solid, gaseous): Not applicable.

· Auto-ignition temperature: Not determined.

· Decomposition temperature: Not determined.

· Danger of explosion: Not determined.

· Explosion limits

Lower: Not determined.

Upper: Not determined.

· Oxidizing properties: Not determined.

· Vapor pressure: Not determined.

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- **Density:**
 - Relative density:** 1.2
 - Vapor density:** Not determined.
 - Evaporation rate:** Not determined.
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Other information** No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
Danger of receptacles bursting because of high vapor pressure if heated.
- **Possibility of hazardous reactions**
Reacts with strong oxidizing agents.
Reacts with strong acids and alkali.
Reacts with certain metals.
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide
Chlorine compounds
Hydrogen chloride (HCl)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** May be harmful if swallowed or if inhaled.

LD/LC50 values that are relevant for classification:

75-09-2 dichloromethane

Oral	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4h	88 mg/l (rat)

- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Irritating effect.
- **Sensitization:** Based on available data, the classification criteria are not met.

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

75-09-2 dichloromethane

2A

· **NTP (National Toxicology Program):**

75-09-2 dichloromethane

R

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

75-09-2 dichloromethane

· **Probable route(s) of exposure:**

Inhalation.

Eye contact.

Skin contact.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Suspected of causing cancer.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** May cause drowsiness or dizziness.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity** No relevant information available.

· **Persistence and degradability** No relevant information available.

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

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

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

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.

· **Uncleaned packagings**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **DOT, ADR, IMDG, IATA**

UN1950

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· **UN proper shipping name**
 · **DOT** Aerosols
 · **ADR, IMDG** AEROSOLS
 · **IATA** Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III

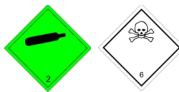
· **Transport hazard class(es)**

· **DOT**



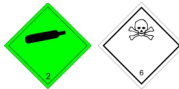
· **Class** 2.2
 · **Label** 2.2, 6.1

· **ADR**



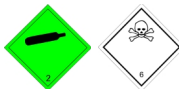
· **Class** 2 5T
 · **Label** 2.2+6.1

· **IMDG**



· **Class** 2.2
 · **Label** 2.2/6.1

· **IATA**



· **Class** 2.2
 · **Label** 2.2 (6.1)

· **Packing group** This UN-number is not assigned a packing group.

· **Environmental hazards**

· **Marine pollutant:** No

· **Special precautions for user** Warning: Gases

· **Danger code (Kemler):** -

· **EMS Number:** F-D,S-U

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **Transport/Additional information:**

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· **DOT**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 120 mL.

· **ADR**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 120 mL.

· **IMDG**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 120 mL.

· **IATA**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 120 mL.

15 Regulatory information

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

- United States (USA)
- SARA

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

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

75-09-2 | dichloromethane

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

All ingredients are listed.

· **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

115-10-6	dimethyl ether	10000
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· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Reference to talc not applicable to product, as product contains no asbestiform fibers.

75-09-2	dichloromethane
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14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)
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· **Chemicals known to cause developmental toxicity for females:**

None of the ingredients are listed.

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

None of the ingredients are listed.

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

None of the ingredients are listed.

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

75-09-2 | dichloromethane

L

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

75-09-2 | dichloromethane

2A

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

All ingredients are listed.

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.

· **Abbreviations and acronyms:**

ADR: 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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health Administration

Flam. Gas 1: Flammable gases – Category 1

Press. Gas: Gases under pressure – Compressed gas

Press. Gas: Gases under pressure – Liquefied gas

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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Website: www.chemtelinc.com