

# SAFETY DATA SHEET

## Contact Spray Adhesive



Version 0.1    Revision Date: 12/06/2021    SDS Number: 000000-00001    Date of last issue: 12/06/21  
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### SECTION 1. IDENTIFICATION

Product name : Contact Spray Adhesive

Product code : 0893100910

#### Manufacturer or supplier's details

Company name of supplier : Wurth USA Inc.

Address : 93 Grant St.  
Ramsey, NJ 07446

Telephone : 201 825 2710

Telefax : 201 825 1643

Emergency telephone : 1 800 255 3924

Recommended use : Web Spray Adhesive


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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

Classification here : Flam. Aerosol 2 - H223 Press. Gas, Compressed - H280

#### GHS label elements

Hazard pictograms : 

Signal word : Danger

Health Hazards : Flam. Aerosol 1 - H222 Press. Gas, Compressed - H280

Environmental Hazards : Aquatic Chronic 3 - H412

Hazard statements : H222 Extremely Flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H302+H332 Harmful if swallowed or if inhaled.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements    P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
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.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.

Other hazards    This product does not contain any substances classified as PBT or vPvB.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture    :    Category here

#### Hazardous ingredients

| Chemical Name  | CAS-No. | Concentration (% w/w) |
|----------------|---------|-----------------------|
| Methyl Acetate | 79-20-9 | 30-60%                |
| Propane        | 74-98-6 | 20-30%                |
| Isopentane     | 78-78-4 | 5-10%                 |

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### SECTION 4. FIRST AID MEASURES

General advice    :    Remove affected person from source of contamination. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention if any discomfort continues.

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- If inhaled : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.
- Ingestion : Get medical attention immediately. Never give anything by mouth to an unconscious person.  
Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
- Skin Contact : Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
- Eye contact : Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
- Most important symptoms and effects, both acute and delayed : High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea. The severity of the symptoms described will vary dependent on the concentration and the length of exposure
- Inhalation : Prolonged or repeated exposure may cause the following adverse effects: Irritation of nose, throat and airway. Coughing. Headache.
- Ingestion : Prolonged or repeated exposure may cause the following adverse effects: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhea.
- Skin contact : Prolonged contact may cause redness, irritation and dry skin.
- Eye contact : Causes serious eye irritation. Burns can occur. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Prolonged or repeated exposure may cause the following adverse effects: Irritation of eyes and mucous membranes. Prolonged contact causes serious eye and tissue damage.

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## SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

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- Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.
- Specific hazards during fire fighting : Pressurized container: Must not be exposed to temperatures above 50°C/122°F Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
- Special protective equipment for fire-fighters : Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage.
- Environmental precautions : Avoid discharge into drains. Contain spillage with sand, earth or other suitable noncombustible material.
- Methods and materials for containment and cleaning up : Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

### SECTION 7. HANDLING AND STORAGE

|                             |   |   |
|-----------------------------|---|---|
| Technical measures          | : | Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level. Container must be kept tightly closed when not in use. Use explosion proof electric equipment. Avoid discharge into drains or watercourses or onto the ground. |
| Advice on safe handling     | : | Do not eat, drink or smoke when using this product.   |
| Conditions for safe storage | : | Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container. Pressurized container: Must not be exposed to temperatures above 50° C/122° F   |

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Occupational exposure limits

##### Methyl Acetate

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm

Short-term exposure limit (15-minute): ACGIH 250 ppm

Long-term exposure limit (8-hour TWA): OSHA 200 ppm 610 mg/m<sup>3</sup>

##### Propane

Long-term exposure limit (8-hour TWA): NIOSH: National Institute of Occupational Safety and Health 1800 mg/m<sup>3</sup> 1000 ppm

Long-term exposure limit (8-hour TWA): OSHA 1800 ppm 1000 mg/m<sup>3</sup>

##### Isopentane

Long-term exposure limit (8-hour TWA): ACGIH 600 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| Appearance                              | : Aerosol.   |
| Color                                   | : Clear.   |
| Odor                                    | : Organic solvents.  |
| Odor Threshold                          | : Not available.   |
| pH                                      | : Not available.   |
| Melting point/freezing point            | : Not available.   |
| Initial boiling point and boiling range | : -42.0°C/-43.7°F  |
| Flash point                             | : -104°C/-155°F Closed cup.  |
| Evaporation rate                        | : Not available.   |
| Flammability (solid, gas)               | : Not available.   |
| Flammability (liquids)                  | : Upper flammable/explosive limit: 16 % Lower flammable/explosive limit: 1.4 % |
| Vapor pressure                          | : Not available.   |
| Relative vapor density                  | : Not available.   |
| Density                                 | : .94  |

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Solubility (ies) : Negligibly soluble in water  
Water solubility  
Partition coefficient: : Not available.  
N-octanol/water  
Auto ignition temperature : Not available.  
Decomposition temperature : Not available.  
Volatility : Not available.  
Volatile organic compound : This product contains a maximum VOC content of 32.5% by weight.

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### SECTION 10. STABILITY AND REACTIVITY

Stability : Stable at normal ambient temperatures and when used as recommended.  
Conditions to avoid : Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidizing agents. Reducing agents  
Hazardous decomposition products : Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Aldehydes. Halogenated hydrocarbons.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

##### Product:

Acute oral toxicity : 1,172.61 ATE oral (mg/kg)  
Acute inhalation toxicity : 18,000.0 ATE inhalation (gases ppm)  
16.26 ATE inhalation (vapours mg/l)  
Acute dermal toxicity : 2,579.74 ATE dermal (mg/kg)

##### Ingredients:

##### **Ingredient: Methyl Acetate**

Acute oral toxicity : 5,000.0 Acute toxicity oral (LD<sub>50</sub> mg/kg)  
Species : Rat  
Acute inhalation toxicity : 49.28 Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)  
11.0 ATE inhalation (vapours

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Acute dermal toxicity : mg/l)  
2,000.0 Acute toxicity dermal (LD<sub>50</sub>  
mg/kg)

### **Ingredient: Propane**

Acute oral toxicity : 1,442.0 Acute toxicity inhalation  
(LC<sub>50</sub> gases ppmV)

Species : Rat

Acute inhalation toxicity : 1,442.0 Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l)

Acute inhalation toxicity : 4,500.0 ATE inhalation (gases  
ppm)  
11.0 ATE inhalation (vapours  
mg/l)

### **Ingredient: Isopentane**

Acute oral toxicity : 100.0 Acute toxicity oral (LD<sub>50</sub>  
mg/kg)

Species : Rat

Acute inhalation toxicity : 1,280.0 Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l)

11.0 ATE inhalation (vapours  
mg/l)  
Acute dermal toxicity : 1,100.0 Acute toxicity dermal (LD<sub>50</sub>  
mg/kg)

### **Serious eye damage/irritation**

Irritation of eyes is assumed.

### **Germ cell mutagenicity**

Genotoxicity - in vitro Ames Test Results: Negative.

### **Specific target organ toxicity - single exposure**

STOT - single exposure May cause drowsiness or dizziness

### **Specific target organ toxicity - repeated exposure**

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

### **Aspiration hazard**

Aspiration hazard Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

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### General information

Absorption of large quantities may cause: Dizziness. Euphoria. Agitation. Convulsions. Narcosis.

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## SECTION 12. ECOLOGICAL INFORMATION

### Bioaccumulative potential

Partition coefficient / Not available.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste treatment methods : Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

UN1950

### UNRTDG

1950

### IATA-DGR

1950

### IMDG-Code

1950

### UN proper shipping name

Proper shipping name (TDG) AEROSOLS, FLAMMABLE (PROPANE, ISOBUTANE) 2.1, LTD QTY

Proper shipping name (IMDG) AEROSOLS, FLAMMABLE (PROPANE, ISOBUTANE) 2.1, LTD QTY

Proper shipping name (ICAO) AEROSOLS, FLAMMABLE (PROPANE, ISOBUTANE) 2.1, LTD QTY

Proper shipping name (DOT) AEROSOLS, FLAMMABLE (PROPANE, ISOBUTANE) 2.1, LTD QTY

**Transport hazard class(es) 2.1**



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### Packing group

Not applicable

## SECTION 15. REGULATORY INFORMATION

National regulations : The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).  
Guidance : CHIP for everyone HSG228.  
Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.  
Approved Classification and Labelling Guide (Sixth edition) L131.

### US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

SARA 313 Emission Reporting

The following ingredients are listed or exempt:

SARA (311/312) Hazard Categories

Hazard

### US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product does not contain any chemicals known to the State of California to cause cancer, birth or any other reproductive harm.

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

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### Inventories

Canada - DSL/NDSL

The following ingredients are listed or exempt:

US - TSCA

Present.

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## SECTION 16. OTHER INFORMATION

### FURTHER INFORMATION

Hazard statements in full

- : H220 Extremely flammable gas.
- H223 Flammable aerosol.
- H224 Extremely flammable liquid and vapor.
- H225 Highly flammable liquid and vapor.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- USH03 May displace oxygen and cause rapid suffocation

ACA HMIS Health rating. : Slight hazard. (1)

ACA HMIS Flammability rating. : Extremely flammable. (4)

ACA HMIS Physical hazard rating. : Normally stable. (0)

ACA HMIS Personal protection rating. : B

Prepared by : Würth USA Product Department / Regulatory Specialist

Revision Date : 11/09/2021

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Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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