



Soudal Power Spray Adhesive

Safety Data Sheet

Issue Date: 02/08/2022

Version: 0.0

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1: Product Identifier

Product form:	Mixture
Trade Name:	Soudal Power Spray Adhesive
Reference Number:	158628
Type of Product:	Aerosol

1.2 Relevant identified uses of the substance or mixture and uses advised against.

1.2.1 Relevant Identified Uses:

Main use category:	Professional use
Use of substance/mixture	Adhesives

1.2.2 Uses Advised Against

No additional information available

1.3: Details of the supplier of the safety data sheet

Soudal
 350 Ring Road
 Elizabethtown, KY 42701 Phone:
 (270) 769-3385
technical@soudalaccumetricinc.com
www.SoudalUSA.com

1.4: Emergency Telephone Number

Emergency number: Chem Trec (800) 424-9300

Section 2: Hazards Identification

2.1: Classification of the substance or mixture

Aerosol, Category 1	H222; H229
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity - Single exposure, Category 3, Narcosis environment - Chronic Hazard, Category 3	H336 Hazardous to aquatic H412

Adverse physicochemical, human health and environmental effects:

Pressurized container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness.
 Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

2.2 Label elements



Hazard pictograms

Signal Word:	Danger
Contains:	methyl acetate, isopentane, methylcyclohexane
Hazard Statements:	H222 - Extremely flammable aerosol. H229 - Pressurized Container. May burst if heated. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness. H412 - Harmful to aquatic life with long lasting effects. P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P211 - Do not spray on open flame or other ignition source. P251 - Do not pierce or burn, even after use. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P312 - Call a Poison Control Center or doctor if you feel unwell. P337+P313 - If eye irritation persists: Get medical advice/attention. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Extra Phrases:	For professional use only.

2.3 Other hazards

This product does not meet the PBT of vPvB classification criteria.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	CAS Number	%
methyl acetate	79-20-9	25 to 50
methyl cyclohexane	108-87-2	5 to 10
isopentane	78-78-4	5 to 10

Section 4: First Aid Measures

4.1 Description of first aid measures

First aid measures general:	Call a poison control center or doctor if you feel unwell.
First aid measures after inhalation:	Remove person to fresh air and keep comfortable for breathing.
First aid measures after skin contact:	Wash skin with plenty of water.
First aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First aid measures after ingestion:	Call a poison control center or doctor if you feel unwell.
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4.2 Most important symptoms and effects, both acute and delayed.

Symptoms/effects:	May cause drowsiness or dizziness.
Symptoms/effects after eye contact:	Eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing Media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide. Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Fire hazard:	Extremely flammable aerosol.
Explosion hazard:	Pressurized container: May burst if heated.
Hazardous decomposition products:	Toxic fumes may be released.

5.3 Advice for firefighters

Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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6.1.1 For non-emergency personnel

Emergency procedures

Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

6.1.2 For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

For containment:

Collect spillage.

Methods for cleaning up:

Take up liquid spill into adsorbent material. Scoop absorbed substances into closed containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Mechanically recover the product.

Other information:

Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling:

Keep away from heat, to surfaces, sparks, open flames, and other ignition sources. No smoking Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures:

Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Store in a well ventilated space. Keep container tightly closed. Keep cool.

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Packaging materials:

aerosol

7.3 Specific end use(s)

No additional information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

methyl acetate (79-20-9)			
US (ACGIH)	TWA	200 ppm	ACGIH Threshold Limit Value
US (OSHA)	TWA	200 ppm	29CFR 1910.1000 Table Z-1 Limits for Air Contaminants
US (ACGIH)	STEL	250 ppm	
US (OSHA)	STEL	250 ppm	29CFR 1910.1000 Table Z-1 Limits for Air Contaminants
methyl cyclohexane (108-87-2)			
US (ACGIH)	TWA	400 ppm	ACGIH Threshold Limit Value 8 hours
US (NIOSH)	TWA	400 ppm	10 hours
US (OSHA)	TWA	400 ppm	8 hours
Isopentane (78-78-4)			
US (ACGIH)	TWA	1000 ppm	ACGIH Threshold Limit Value 8 hours

8.2 Exposure controls

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8.2.1 Appropriate engineering controls

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.2.2 Personal protective equipment

Personal protective equipment symbol(s):



8.2.2.1 Eye and face protection

Eye protection:

Safety glasses

8.2.2.2 Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Protective gloves

8.2.2.3 Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

8.2.2.4 Thermal hazards

No additional information available.

8.2.3 Environmental exposure controls

Environmental exposure controls:

Avoid release to environment

Section 9: Physical and chemical properties

9.1 Information on basic chemical properties

Physical State:	Liquid
Color:	Variable
Appearance:	Aerosols
Odor:	Characteristic
Odor threshold:	Not available
Melting Point:	Not applicable
Freezing Point:	Not available
Boiling Point:	Not
Flammability:	Extremely flammable aerosol
Explosive properties:	Pressurized container: May burst if heated.
Explosive limits:	Not available
Lower explosive limits (LEL):	Not available
Upper explosive limits (UEL):	Not available
Flash Point:	Not available

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Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Not available
Viscosity, kinematic:	Not available
Solubility:	Not available
Partition coefficient n-octanol/water (Log KOW):	Not available
Vapor Pressure:	Not available
Vapor Pressure at 50°C:	Not available
Density:	Not available
Relative density:	Not available
Relative vapor density at 20°C:	Not available
Particle size:	Not applicable
Particle size distribution:	Not applicable
Particle shape:	Not applicable
Particle shape ratio:	Not applicable
Particle aspect ratio:	Not applicable
Particle aggregation state:	Not applicable
Particle agglomeration state:	Not applicable
Particle specific surface area:	Not applicable
Particle dustiness:	Not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes

% of flammable ingredients: 86%

9.2.2 Other safety considerations

VOC Content: < 40% by weight

Section 10: Stability and reactivity

10.1 Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all ignition sources.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity (oral): Not classified
 Acute toxicity (dermal): Not classified
 Acute toxicity (inhalation): Not classified

methyl acetate (79-20-9)		
LD50 (Dermal)	Rabbit	> 5,000 mg/kg
LD50 (Oral)	Rat	> 5,000 mg/kg
methyl cyclohexane (108-87-2)		
LC50 (Inhalation)	Rabbit	7,613.5 ppm
LC50 (Inhalation)	Mouse	20,750 ppm
Isopentane (78-78-4)		
LC50 (Inhalation)	Rat	28,000 mg/m3

Skin corrosion/irritation: Not classified
 Serious eye damage/irritation: Causes serious eye irritation.
 Respirator or skin sensitization: Not classified
 Germ Cell Mutagenicity: Not classified
 Carcinogenicity: Not classified
 Reproductive Toxicity: Not classified
 STOT - single exposure: May cause drowsiness or dizziness.

methyl acetate (79-20-9)	
STOT - single exposure:	May cause drowsiness or dizziness.
methyl cyclohexane (108-87-2)	
STOT - single exposure:	May cause drowsiness or dizziness.

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Isopentane (78-78-4)	
STOT - single exposure:	May cause drowsiness or dizziness.

Aspiration hazard: Not classified
Vaporizer: Aerosol

11.2 Information on other hazards

No additional information available.

Section 12: Ecological information

12.1 Toxicity

Ecology - General

Hazardous to the aquatic environment, short term (acute)

Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, long term (chronic)

Harmful to aquatic life with long lasting effects.

methyl acetate (79-20-9)			
LC50 - Fish	250 - 350 mg/L	Danio rerio	96 hours
EC50 - Crustacean	1026.7 mg/L	Daphnia sp.	48 hours
EC50 - Algae	> 120 mg/L	Desmodesmus subspicatus	72 hours
methyl cyclohexane (108-87-2)			
LC50 - Fish	2.07 mg/L	Oryzias latipes	96 hours
EC50 - Crustacean	0.326 mg/L	Daphnia magna	48 hours
EC50 - Algae	0.134 mg/L	Psuedokircheriella subcapitata	72 hours
Isopentane (78-78-4)			
LC50 - Fish	4.26 mg/L	Oncorhynchus mykiss	96 hours

12.2 Persistence and degradability

methyl acetate (79-20-9)	
Persistence and degradability	Readily biodegradable in water.
methylcyclohexane (108-87-2)	
Persistence and degradability	Readily biodegradable in water.
isopentane (78-78-4)	
Persistence and degradability	Readily biodegradable in water.

12.3 Bioaccumulative Potential

methyl acetate (79-20-9)	
BCF - Fish	< 1 (Pisces, Literature Study)

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Partition coefficient n-octanol/water (Log Pow)	0.18 (Experimental Value 20°C)
Bioaccumulate Potential	Low potential for bioaccumulation (Log Kow < 4)
methyl cyclohexane (108-87-2)	
BCF - Fish	95 - 321 (8 weeks, Cyprinus carpio, Flow-through system, fresh water, Experimental value, fresh weight)
Partition coefficient n-octanol/water (Log Pow)	3.88 (Literature study)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).
Isopentane (78-78-4)	
Partition coefficient n-octanol/water (Log Pow)	4 (Experimental Value 25°C)
Bioaccumulative Potential	Potential for bioaccumulation ($4 \geq \text{Log Kow} \leq 5$).

12.4 Mobility in Soil

methyl acetate (79-20-9)	
Surface tension	24 mN/m (20°C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.18 (log Kox, Experimental Value, GLP)
Ecology - Soil	Highly mobile in soil.
methyl cyclohexane (108-87-2)	
Surface tension	23.39 mN/m (25°C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.37 (log Kox, SRC PCKOCWIN v2.0, QSAR)
Ecology - Soil	Low potential for adsorption in soil.
Isopentane (78-78-4)	
Surface tension	15.49 mN/m (25°C, 100 vol %)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.9 (log Kox, Read-across)
Ecology - Soil	Low potential for adsorption in soil.

12.5 Results of PBT and vPvB assessment

BOSS 635	
This product does not meet the PBT and vPvB classification criteria.	
Component	
methyl acetate (79-20-9)	This substance/mixture does not meet the PBT criteria. This substance/mixture does not meet the vPvB criteria.
methylcyclohexane (108-87-2)	This substance/mixture does not meet the PBT criteria. This substance/mixture does not meet the vPvB criteria.

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isopentane (78-78-4)	This substance/mixture does not meet the PBT criteria. This substance/mixture does not meet the vPvB criteria.
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12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.




Section 13: Disposal Considerations

13.1 Waste treatment methods

Waste treatment methods:

Dispose of contents/container in accordance with national, state, and local regulations. Do not discharge into drains, sewer, or the environment. Avoid release to environment.

Section 14: Transport information

DOT	IMDG	IATA
14.1 UN Number of ID number		
UN1950	UN1950	UN1950
14.2 UN proper shipping name		
Aerosols	Aerosols	Aerosols, flammable
Transport document description		
UN1950 Aerosols, 2.1	UN1950 Aerosols, 2.1	UN1950 Aerosols, flammable, 2.1
14.3 Transport Hazard Class(es)		
2.1	2.1	2.1
		
14.4 Packing Group		
II	Not applicable	Not applicable
14.5 Environmental hazard(s)		

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Dangerous to the environment: No	Dangerous to the environment: No	Dangerous to the environment: No
	Marine pollutant: No	
No supplementary information available.		

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation

All ingredients are on the following inventories or are exempted from the listing.

Country	Notification
Canada	DSL
United States of America	TSCA

Clean Air Act Section 112 Hazardous Air Pollutants Not listed

Clean Air Act Section 602 Class I Substances Not listed

Clean Air Act Section 602 Class II Substances Not listed

DEA List I Chemicals (Precursor chemicals) Not listed

DEA List II Chemicals (Precursor chemicals) Not listed

SARA 302/304 No products were found

SARA 311/213

Classification Fire hazard
Immediate (acute) health hazard

Massachusetts Right to Know Components

Methyl acetate CAS Number: 79-20-9

Methyl cyclohexane CAS Number: 78-78-4

Isopentane CAS Number: 108-87-2

Pennsylvania Right to Know Components

Methyl acetate CAS Number: 79-20-9

Methyl cyclohexane CAS Number: 78-78-4

Isopentane CAS Number: 108-87-2

New Jersey Right to Know Components

Methyl acetate CAS Number: 79-20-9

Methyl cyclohexane CAS Number: 78-78-4

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Isopentane

CAS Number: 108-87-2

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. For more information, go to www.P65Warnings.ca.gov

Section 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.