



Soudafoam One Shot Compact

Safety Data Sheet

Issue date: 10/06/2008 Revision date: 13/01/2021 Version: 5.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Soudafoam One Shot Compact
Reference number : 162267
Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use, Professional use
Use of the substance/mixture : Polyurethane

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
T (270) 769-3385
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

Hazard Classification

Aerosol	Category 1
Acute Toxicity – Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage /Irritation	Category 2A
Respiratory Sensitization	Category 1
Skin Sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity — Single exposure, Respiratory Tract Irritation	Category 3
Specific target organ toxicity — Repeated exposure	Category 2

Hazard Statements

H222	Extremely flammable aerosol
H229	Pressurized container: may burst if heated.
H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust, fume, gas, mist, vapors, or spray.
P261	Avoid breathing dust, fume, gas, mist, vapors, or spray.
P264	Wash hands, face, and all exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P281	Use personal protective equipment as required.
P285	In case of adequate ventilation, wear respiratory protection.

Response

P101	If medical advice is needed, have product container or label at hand.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position 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 or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see product label).
P332+P313	If skin irritation occur: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing before use.
P363	Wash contaminated clothing before re-use.

Storage

P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°F/122°C.

Disposal

P501	Dispose of contents/container in accordance with local, regional, national, and international regulations.
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2.2. Label elements



Hazard pictogram

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	GHS02	GHS07	GHS08
Signal word	: Danger		
Hazardous ingredients	: polymethylene polyphenyl isocyanate		
Hazard statements	: H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H332 – Harmful if inhaled. H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 - May cause respiratory irritation. H351 - Suspected of causing cancer.		

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Precautionary statements	<p>H373 - May cause damage to organs through prolonged or repeated exposure.</p> <p>: P101 - If medical advice is needed, have product container or label at hand.</p> <p>P102 - Keep out of reach of children.</p> <p>P103 – Read label before use.</p> <p>P201 – Obtain special instructions before use.</p> <p>P202 – Do not handle until all safety precautions have been read and understood.</p> <p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 - Do not spray on an open flame or other ignition source.</p> <p>P251 - Do not pierce or burn, even after use.</p> <p>P260 – Do not breathe dust, fumes, gas, mist, vapors, or spray.</p> <p>P261 – Avoid breathing dust, fumed, gas, mist, vapors, or spray.</p> <p>P264 – Wash hands, face and all exposed skin thoroughly after handling.</p> <p>P271 – Use only outdoors or in a well-ventilated area.</p> <p>P272 – Contaminated work clothing should not be allowed out of the workplace.</p> <p>P281 – Use personal protective as required.</p> <p>P285 – In case of inadequate ventilation, wear respiratory protection.</p>
Response	<p>P101 - If medical advice is needed, have product container or label at hand.</p> <p>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.</p> <p>P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 - If exposed or concerned: Get medical advice/attention.</p> <p>P312 - Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P314 - Get medical advice/attention if you feel unwell.</p> <p>P321 - Specific treatment (see product label).</p> <p>P332+P313 - If skin irritation occur: Get medical advice/attention.</p> <p>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention.</p> <p>P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.</p> <p>P362 - Take off contaminated clothing before use.</p> <p>P363 - Wash contaminated clothing before re-use.</p>
Storage	<p>P403+P233 - Store in a well ventilated place. Keep container tightly closed.</p> <p>P405 - Store locked up.</p> <p>P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°F/122°C.</p>
Disposal	<p>P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.</p>
Extra phrases	<p>: Persons already sensitized to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter is used.</p>

2.3. Other hazards

The product does not meet the PBT and vPvB classification criteria

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	CAS Number	%
polymethylene polyphenyl isocyanate	9016-87-9	≥ 25 – < 50

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2-Propanol, 1-chloro-, phosphate (3:1)	13674-84-5	1 – 25
Propane, 2-methyl	75-28-5	1 – 20
Propane	74-98-6	1 – 10
Dimethyl Ether	115-10-6	1 – 10
Non-hazardous ingredients	Various	Balance

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	:	IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
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 center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	:	May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	:	Irritation. May cause an allergic skin reaction.
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

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 in case of fire	:	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

6.1.1. For non-emergency personnel

Emergency procedures	:	Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
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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 material for containment and cleaning up

Methods for cleaning up : Leave the product to solidify. Mechanically recover the product. Carefully collect the spill/leftovers. Notify authorities if product enters sewers or public waters. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

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, hot 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 place. Keep container tightly closed. Keep cool.

Incompatible products : Heat sources. Ignition sources. Strong bases. Strong acids.

Packaging materials : Aerosol.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

dimethyl ether (115-10-6)	
OSHA TWA	1,000 ppm

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polymethylene polyphenyl isocyanate (9016-87-9)

OSHA TWA	0.2 mg/m ³ , 0.02 ppm
OSHA STEL	0.02 ppm
ACGIH TWA	0.005 ppm

8.2. Exposure controls

Appropriate engineering controls:

Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines. Exhaust systems should be designed to move the air away from the source of vapor/aerosol generation and people working at this point. The odor and irritancy of this material are inadequate to warn of excessive exposure.

Hand protection:

Protective gloves

Eye protection:

Safety glasses or chemical goggles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Color	: Cream
Odor	: Characteristic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Forms crystals below 10C
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

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Flammability (solid, gas)	: Extremely flammable aerosol.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.95 (20°C)
Density	: 950 kg/m ³ (20°C)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Pressurized container: May burst if heated.
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 26%

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 sources of ignition.

10.5. Incompatible materials

Oxidizing d

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

No adverse health effects if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Harmful if inhaled. Material is an irritant to mucus membranes and respiratory tract. A respiratory sensitizer. Can cause possible allergic reaction.

Skin Contact: Contact with skin will result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting, and irritation of the gastrointestinal tract.

Eye Contact: An eye irritant.

Acute Toxicity

Inhalation: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): LC50 < 20,000 ppm

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Skin Contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): > 2,000 mg/kg bw

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): > 2,000 mg/kg bw

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as a Category 1 Hazard (reversible effects to skin).

Sensitization: Inhalation: this material has been classified as a Category 1 Hazard (respiratory sensitizer). Skin: this material has been classified as a Category 1 Hazard (skin sensitizer).

Aspiration Hazard: This material has been classified as non-hazardous.

Specific Target Organ Toxicity (single exposure): This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as a Category 2 Hazard.

Reproductive Toxicity (including via lactation): This material has been classified as non-hazardous.

Specific Target Organ Toxicity (repeat exposure): This material has been classified as a Category 2 Hazard.

SECTION 12: Ecological information

Avoid contaminating waterways.

Acute Aquatic Hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): > 100 mg/L

Long-Term Aquatic Hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity available OI inn the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): > 100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and /or log K_{ow} < 4.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative Potential: No information available.

Mobility: No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

We make no guarantee or warranty of any kind that the use of disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID /






ADR	IMDG	IATA	AND	RID
14.1. UN number				
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document description				

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UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1
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14.3. Transport hazard class(es)

2.1	2.1	2.1	2.1	2.1
				

14.4. Packing group

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
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No supplementary information available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. US Federal Regulations

TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40CFR 302.4), TSSCA 12(b), and/or require an OSHA process safety plan.

Polymethylene polyphenylene isocyanate (9016-87-9)

SARA 313: 1% de minimis concentration

SARA 311/312 (40 CFR 370 Subparts B and C) reporting categories

Flammable
Gas Under Pressure
Carcinogenicity
Skin Corrosion/Irritation
Respiratory/Skin Sensitization
Serious Eye Damage/Eye Irritation
Specific Target Organ Toxicity

15.1.2. US State Regulations

The following components appear on one of more of the following state hazardous substances lists:

Polymethylene polyphenylene isocyanate (9016-87-9)

NJ

Isobutane (75-28-5)

MA, NJ, PA

Dimethyl Ether (115-10-6)

MA, MN, NJ, PA

Propane (74-98-6)

MA, MN, NJ, PA

California Prop 65

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Indication of changes:

Safety Data Sheet (SDS)

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.