SAFETY DATA SHEET

1. Identification

Company phone

Product number 1000014232

Product identifier FLEX SEAL CLEAR SWIFT RESPONSE, LLC Company information

2690 WESTON RD.

WESTON, FL 33331 United States General Assistance 1-800-307-6201

1-800-424-9300 **Emergency telephone US Emergency telephone outside** 1-703-527-3887

US

01 Version #

Recommended use **ADHESIVE** Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1 **Health hazards** Skin corrosion/irritation Category 2 Reproductive toxicity (the unborn child) Category 2

> Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated

exposure

Aspiration hazard

Environmental hazards Not classified. **OSHA** defined hazards Not classified.

Label elements



Signal word Danger

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. **Hazard statement**

May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage

Category 2

Category 1

to organs through prolonged or repeated exposure.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face

protection.

If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable Response

for breathing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if

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you feel unwell. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from Storage

sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

Static accumulating flammable liquid can become electrostatically charged even in bonded and classified (HNOC) grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Isobutane		75-28-5	20 - 40
Toluene		108-88-3	20 - 40
Acetone		67-64-1	2.5 - 10
Parachlorobenzotrifluoride (PCBTF)		98-56-6	2.5 - 10
Propane		74-98-6	2.5 - 10
Solvent Naphtha (Petroleum), Light Aliphatic		64742-89-8	2.5 - 10
Mineral Spirits		8052-41-3	0.1 - 1
Other components below reportable levels	S		10 - 20

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get

medical advice/attention. Wash contaminated clothing before reuse.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes and mucous Most important

membranes. Irritation of nose and throat. Skin irritation. May cause redness and pain. Prolonged symptoms/effects, acute and exposure may cause chronic effects. delaved Indication of immediate Provide general supportive measures and treat symptomatically. Keep victim under observation.

medical attention and special treatment needed

General information

Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may Suitable extinguishing media be used for small fires only.

Do not use water jet as an extinguisher, as this will spread the fire.

Unsuitable extinguishing media

Specific hazards arising from

the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water.

Special protective equipment and precautions for firefighters

Fire-fighting equipment/instructions

Specific methods

General fire hazards

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move

containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

Product name: FLEX SEAL CLEAR SDS US

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Remove all possible sources of ignition in the surrounding area. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

500 ppm

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for A Components	Type	Value	
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm	
Mineral Spirits (CAS 8052-41-3)	PEL	2900 mg/m3	

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US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Propane (CAS 74-98-6)	Components	Туре	Value	
US. OSHA Table Z-2 (29 CFR 1910.1000) Components Type Value Toluene (CAS 108-88-3) Ceiling TWA 300 ppm US. ACGIH Threshold Limit Values Type Value Components Type Value Acetone (CAS 67-64-1) STEL TWA 750 ppm Isobutane (CAS 75-28-5) STEL 1000 ppm Mineral Spirits (CAS TWA 100 ppm M552-41-3) TWA 20 ppm US. NIOSH: Pocket Guide to Chemical Hazards Components Value Acetone (CAS 67-64-1) TWA 590 mg/m3 Isobutane (CAS 75-28-5) TWA 1900 mg/m3 Isobutane (CAS 75-28-5) TWA 1900 mg/m3 Mineral Spirits (CAS Ceiling 1800 mg/m3 Mineral Spirits (CAS TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 Toluene (CAS 108-88-3)	Propane (CAS 74-98-6)	PEL	1800 mg/m3	_
Components Type Value Toluene (CAS 108-88-3) Ceiling TWA 300 ppm US. ACGIH Threshold Limit Values Value Components Type Value Acetone (CAS 67-64-1) STEL 750 ppm Isobutane (CAS 75-28-5) STEL 1000 ppm Mineral Spirits (CAS TWA 100 ppm 100 ppm Mineral Spirits (CAS 108-8-3) TWA 20 ppm US. NIOSH: Pocket Guide to Chemical Hazards Value Components Type Value Acetone (CAS 67-64-1) TWA 590 mg/m3 Isobutane (CAS 75-28-5) TWA 1900 mg/m3 Mineral Spirits (CAS 8052-41-3) Ceiling 1800 mg/m3 Mineral Spirits (CAS 8052-41-3) TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 Toluene (CAS 108-88-3) TWA 560 mg/m3 Toluene (CAS 108-88-3) TWA 560 mg/m3 Toluene (CAS 108-88-3) TWA 375 mg/m3			1000 ppm	
Toluene (CAS 108-88-3)	US. OSHA Table Z-2 (29 CFR 191	0.1000)		
TWA 200 ppm	Components	Туре	Value	
US. ACGIH Threshold Limit Values Components Type Value	Toluene (CAS 108-88-3)	Ceiling	300 ppm	
Components Type Value Acetone (CAS 67-64-1) STEL TWA 750 ppm Isobutane (CAS 75-28-5) STEL 1000 ppm Mineral Spirits (CAS 8052-41-3) TWA 100 ppm TOluene (CAS 108-88-3) TWA 20 ppm US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Acetone (CAS 67-64-1) TWA 590 mg/m3 250 ppm Isobutane (CAS 75-28-5) TWA 1900 mg/m3 800 ppm Mineral Spirits (CAS 8052-41-3) Ceiling 1800 mg/m3 8052-41-3) TWA 350 mg/m3 1000 ppm Toluene (CAS 74-98-6) TWA 1800 mg/m3 1000 ppm Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TOWA 375 mg/m3		TWA	200 ppm	
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Mineral Spirits (CAS 8052-41-3) TWA 100 ppm Toluene (CAS 108-88-3) TWA 20 ppm US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Acetone (CAS 67-64-1) TWA 590 mg/m3 Isobutane (CAS 75-28-5) TWA 1900 mg/m3 Mineral Spirits (CAS 8052-41-3) Ceiling 1800 mg/m3 Propane (CAS 74-98-6) TWA 350 mg/m3 Propane (CAS 108-88-3) STEL 560 mg/m3 150 ppm 150 ppm TWA 375 mg/m3		TWA	500 ppm	
8052-41-3) TOluene (CAS 108-88-3) TWA 20 ppm US. NIOSH: Pocket Guide to Chemical Hazards Type Value Components Type Value Acetone (CAS 67-64-1) TWA 590 mg/m3 Isobutane (CAS 75-28-5) TWA 1900 mg/m3 Mineral Spirits (CAS Ceiling 1800 mg/m3 8052-41-3) TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 Toluene (CAS 108-88-3) STEL 560 mg/m3 TOluene (CAS 108-88-3) TWA 375 mg/m3	Isobutane (CAS 75-28-5)	STEL	1000 ppm	
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Acetone (CAS 67-64-1) TWA 590 mg/m3 250 ppm Isobutane (CAS 75-28-5) TWA 1900 mg/m3 800 ppm Mineral Spirits (CAS 8052-41-3) TWA 350 mg/m3 TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 1000 ppm Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3	US. NIOSH: Pocket Guide to Che	emical Hazards		
Sobutane (CAS 75-28-5) TWA 1900 mg/m3 800 ppm	Components	Туре	Value	
Isobutane (CAS 75-28-5) TWA 1900 mg/m3 800 ppm Mineral Spirits (CAS 8052-41-3) Ceiling 1800 mg/m3 Propane (CAS 74-98-6) TWA 350 mg/m3 1000 ppm Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3	Acetone (CAS 67-64-1)	TWA	590 mg/m3	
Mineral Spirits (CAS			250 ppm	
Mineral Spirits (CAS 8052-41-3) Ceiling 1800 mg/m3 TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 Toluene (CAS 108-88-3) STEL 560 mg/m3 Toluene (CAS 108-88-3) TWA 375 mg/m3	Isobutane (CAS 75-28-5)	TWA	1900 mg/m3	
8052-41-3) TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 1000 ppm Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3			800 ppm	
TWA 350 mg/m3 Propane (CAS 74-98-6) TWA 1800 mg/m3 1000 ppm Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3		Ceiling	1800 mg/m3	
Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3	,	TWA	350 mg/m3	
Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3	Propane (CAS 74-98-6)	TWA	1800 mg/m3	
Toluene (CAS 108-88-3) STEL 560 mg/m3 150 ppm TWA 375 mg/m3			1000 ppm	
150 ppm TWA 375 mg/m3	Toluene (CAS 108-88-3)	STEL	• •	
TWA 375 mg/m3	,		-	
G		TWA	• •	
			•	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

^{* -} For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3)

Skin designation applies.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Hand protection Wear appropriate chemical resistant gloves.

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Skin protection

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Skin protection

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid. **Form** Aerosol. Color Not available. Odor Not available. **Odor threshold** Not available. Not available. pН Melting point/freezing point Not available. Initial boiling point and boiling Not available.

range

Flash point -156.0 °F (-104.4 °C) PROPELLANT estimated

Evaporation rate Not available.
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

1.2 % estimated

Flammability limit - upper

(%)

8 % estimated

Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.
Vapor pressure Not available.
Vapor density Not available.
Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.

Other information

Specific gravity 0.684 estimated

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

Hazardous decomposition

products

No hazardous decomposition products are known.

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11. Toxicological information

Information on likely routes of exposure

Ingestion Expected to be a low ingestion hazard.

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics

 $\label{eq:maycause} \mbox{May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat.}$

Irritation of eyes and mucous membranes. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity Narcotic effects.

Guinea pig	> 7426 mg/kg, 24 Hours
	> 9.4 ml/kg, 24 Hours
Rabbit	> 7426 mg/kg, 24 Hours
	> 9.4 ml/kg, 24 Hours
Rat	55700 ppm, 3 Hours
	132 mg/l, 3 Hours
	50.1 mg/l
	Č
Rat	5800 mg/kg
	2.2 ml/kg
	Č
Mouse	1237 mg/l, 120 Minutes
	52 %, 120 Minutes
Rat	1355 mg/l
	•
Mouse	1237 mg/l, 120 Minutes
	52 %, 120 Minutes
Rat	1355 mg/l
	658 mg/l/4h
Light Aliphatic (CAS 64742-89-8)	•
Rabbit	> 1900 mg/kg, 24 Hours
Rat	> 5020 mg/m3, 4 Hours
	> 4980 mg/m3
	> 4980 mg/m3, 4 Hours
	> 4.96 mg/l, 4 Hours
	-
	Rabbit Rat Rat Mouse Rat Mouse Rat Light Aliphatic (CAS 64742-89-8) Rabbit

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Components	Species	Test Results
Oral		
LD50	Rat	4820 mg/kg
Toluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
LC50	Mouse	6405 - 7436 ppm, 6 Hours
		5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours
		12.5 - 28.8 mg/l, 4 Hours
Oral		
LD50	Rat	5000 mg/kg

^{*} Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicitySuspected of damaging the unborn child. **Specific target organ toxicity - Suspected of damaging the unborn child.**May cause drowsiness and dizziness. **Single exposure**

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not available.

Chronic effects May cause damage to organs through prolonged or repeated exposure.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Acetone (CAS 67-64-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Parachlorobenzotrifluo	oride (PCBTF) (CAS	S 98-56-6)	
Aquatic			
Crustacea	EC50	Daphnia	3.68 mg/L, 48 Hours
Toluene (CAS 108-88-	-3)		
Aquatic			
Algae	IC50	Algae	433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7.645 mg/L, 48 Hours

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Components **Species Test Results** Water flea (Daphnia magna) 5.46 - 9.83 mg/l, 48 hours LC50 Fish Coho salmon, silver salmon 8.11 mg/l, 96 hours (Oncorhynchus kisutch)

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available. Partition coefficient n-octanol / water (log Kow)

Acetone -0.242.76 Isobutane Mineral Spirits 3.16 - 7.15Propane 2.36 Toluene 2.73

No data available. Mobility in soil

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation Other adverse effects

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

> under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1) U002 U220 Toluene (CAS 108-88-3)

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Do not re-use empty containers.

14. Transport information

DOT

UN number UN1950

UN proper shipping name Aerosols, flammable, (each not exceeding 1 L capacity)

Transport hazard class(es)

2.1 Class Subsidiary risk 2.1 Label(s)

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Special provisions N82 306 Packaging exceptions Packaging non bulk None Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number UN1950

Aerosols, flammable UN proper shipping name

Product name: FLEX SEAL CLEAR SDS US 8 / 11

^{*} Estimates for product may be based on additional component data not shown.

Transport hazard class(es)

2.1 Class Subsidiary risk Label(s) 2.1

Packing group Not applicable.

Environmental hazards Yes **ERG Code** 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed.

LTD QTY

Not applicable.

Cargo aircraft only Allowed. LTD QTY **Packaging Exceptions**

IMDG

UN1950 **UN** number UN proper shipping name **AEROSOLS** Transport hazard class(es)

Class 2.1 Subsidiary risk Label(s) None

Not applicable. Packing group

Environmental hazards

Marine pollutant Yes F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Packaging Exceptions Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code

DOT



IATA; IMDG



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Marine pollutant



General information DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Parachlorobenzotrifluoride (PCBTF) (CAS 98-56-6) 1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1) Listed.
Toluene (CAS 108-88-3) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Toluene	108-88-3	20 - 40	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Toluene (CAS 108-88-3)

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

Isobutane (CAS 75-28-5) Propane (CAS 74-98-6)

Safe Drinking Water Act Not regulated.

(SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Acetone (CAS 67-64-1) 6532 Toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Acetone (CAS 67-64-1) 35 %WV Toluene (CAS 108-88-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532 Toluene (CAS 108-88-3) 594

Product name: FLEX SEAL CLEAR SDS US

US state regulations

US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1) Isobutane (CAS 75-28-5) Mineral Spirits (CAS 8052-41-3)

Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. New Jersey Worker and Community Right-to-Know Act

Acetone (CAS 67-64-1) Isobutane (CAS 75-28-5) Mineral Spirits (CAS 8052-41-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. Pennsylvania Worker and Community Right-to-Know Law

Acetone (CAS 67-64-1) Isobutane (CAS 75-28-5) Mineral Spirits (CAS 8052-41-3) Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

US. Rhode Island RTK

Acetone (CAS 67-64-1) Isobutane (CAS 75-28-5) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Inventory name

Toluene (CAS 108-88-3) **US - California Proposition 65 - CRT: Listed date/Female reproductive toxin**Toluene (CAS 108-88-3)

Listed: August 7, 2009

International Inventories

Country(e) or region

Australia Australian Inventory of Chemical Substances (AICS)	No
Australia Australian Inventory of Chemical Substances (AICS)	INO
Canada Domestic Substances List (DSL)	Yes
Canada Non-Domestic Substances List (NDSL)	No
China Inventory of Existing Chemical Substances in China (IECSC)	No
Europe European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe European List of Notified Chemical Substances (ELINCS)	No
Japan Inventory of Existing and New Chemical Substances (ENCS)	No
Korea Existing Chemicals List (ECL)	No
New Zealand New Zealand Inventory	No
Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 09-24-2015

Version # 01

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

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On inventory (yes/ne)*