



Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Identifier: FLEX SEAL BLACK

Other means of identification
Product Number: FSBLKMINI; FSBLKMINI-6; FSBLKR08; FSR20; FSA20; FS MAXBLK24 and US47372920

Recommended Use: Coating

Manufacturer/Importer/Distributor Information: SWIFT RESPONSE, LLC
15499 SW 12th Street,
SUNRISE, FL 33326 US

Emergency Telephone: 1-800-424-9300

2. Hazard(s) identification

Classification

Flammable Aerosol, category 1
Skin Irritation, category 2
Skin Sensitizer, category 1
Reproductive Toxicity, category 2
STOT, repeated exposure, category 2

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

GHS PRECAUTIONARY STATEMENTS

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 fumes, mists, vapours or spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves and protective clothing
Response	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
Storage	
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
Disposal	
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other Information

None

3. Composition/Information on Ingredients

Mixtures

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Toluene	108-88-3	10-30
Butane	106-97-8	10-30
Naphtha (petroleum), Heavy Alkylate	64741-65-7	10-30
Propane	74-98-6	3-7
Distillates (petroleum), Light Distillate Hydrotreated	68410-97-9	1-5
Solvent Naphtha (Petroleum), Light Aliphatic	64742-89-8	1-5
Carbon Black	1333-86-4	1-5
d-Limonene	5989-27-5	0.1-1.0
2-methoxy-1-methylethyl Acetate	108-65-6	0.1-1.0
Xylene	1330-20-7	0.1-1.0
n-Butyl Acetate	123-86-4	0.1-1.0
Stoddard solvent	8052-41-3	0.1-1.0
Ethyl Benzene	100-41-4	0.1-1.0
1,2,4-trimethylbenzene	95-63-6	0.1-1.0
Crystalline Silica	14808-60-7	0.1-1.0

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments: Other components are not hazardous or are below required disclosure limits.
The exact concentration has been withheld as a trade secret.

4. First-aid Measures

SKIN CONTACT: Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash skin thoroughly with soap and water for several minutes. If irritation occurs, get medical attention. Wash contact area thoroughly with soap and water. Get medical attention if irritation or rash develops or persists. Remove contaminated clothing. Launder clothing before re-use.

EYE CONTACT: Rinse immediately with plenty of water.

INHALATION: Move to fresh air.

INGESTION: Rinse mouth.

IMPORTANT SYMPTOMS: May cause skin irritation. May cause allergic skin reaction (sensitization.) Prolonged or repeated exposure may cause damage to organs.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Prolonged exposure to temperatures above 50°C / 122°F may cause cans to burst. Vapors may travel considerable distance to a source of ignition and flash back. Combustion may produce carbon dioxide and carbon monoxide.

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS : Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Leaking cans should be placed in a plastic bag or open pail away from ignition sources until the pressure has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

7. Handling and Storage

HANDLING: Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

SAFE HANDLING ADVICE: 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. Pressurized container: Do not pierce or burn, even after use.

STORAGE: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

NFPA 30B: Aerosol Level 2

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Toluene	20 ppm	N.E.	200 ppm	300 ppm
Butane	N.E.	1000 ppm	N.E.	N.E.
Naphtha (petroleum), Heavy Alkylate	N.E.	N.E.	100 ppm	N.E.

Propane	N.E.	N.E.	1000 ppm	N.E.
Distillates (petroleum), Light Distillate Hydrotreated	N.E.	N.E.	5 mg/m3	N.E.
Solvent Naphtha (Petroleum), Light Aliphatic	100 ppm	N.E.	100 ppm	N.E.
Carbon Black	3 mg/m3	N.E.	3.5 mg/m3	N.E.
d-Limonene	N.E.	N.E.	N.E.	N.E.
2-methoxy-1-methylethyl Acetate	N.E.	N.E.	N.E.	N.E.
Xylene	20 ppm	N.E.	100 ppm	N.E.
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	N.E.
Stoddard solvent	100 ppm	N.E.	500 ppm	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.
1,2,4-trimethylbenzene	25 ppm	N.E.	N.E.	N.E.
Crystalline Silica	0.025 mg/m3	N.E.	50 µg/m3	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

ENGINEERING CONTROLS: No data available

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield.

SKIN PROTECTION: Wear impervious gloves to prevent skin contact.

RESPIRATORY PROTECTION: Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

HYGIENIC PRACTICES: When using do not smoke. Observe good industrial hygiene practices.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	Black
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	111
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	0.6 - 12.0
Vapor Pressure @20°C, PSI:	30-50
Relative Vapor Density:	Heavier than Air
Relative Density:	0.788
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	1827 - 2204 mm ² /s
Particle Characteristics:	No data available

10. Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use.

STABILITY: Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available

CONDITIONS TO AVOID: Keep away from heat, sparks, flames, and other sources of ignition. Do not puncture or incinerate containers. Dropping containers may cause bursting.

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon dioxide and carbon monoxide.

11. Toxicological Information

Information on Likely Routes of Exposure

SKIN CONTACT EFFECTS: May cause irritation, drying, defatting of the skin and dermatitis. May cause an allergic skin reaction (sensitization) with itching, redness and hives.

EYE CONTACT EFFECTS: May cause slight irritation with tearing.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC Listing</u>
1333-86-4	Carbon Black	IARC Group 2B,
100-41-4	Ethyl Benzene	IARC Group 2B,
14808-60-7	Crystalline Silica	IARC Group 1,
98-82-8	Cumene	IARC Group 2B,
91-20-3	Naphthalene	IARC Group 2A,IARC Group 2B,
71-43-2	Benzene	IARC Group 1,

The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>NTP Listing</u>
14808-60-7	Crystalline Silica	NTP Known Human Carcinogen
98-82-8	Cumene	NTP Reasonably Anticipated to be Human Carcinogen
91-20-3	Naphthalene	NTP Reasonably Anticipated to be Human Carcinogen
71-43-2	Benzene	NTP Known Human Carcinogen

The following Chemicals are listed on U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>OSHA Listing</u>
98-82-8	Cumene	Present
91-20-3	Naphthalene	Present

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	10,490 mg/kg
<u>ATE DERMAL</u>	6,742 mg/kg
<u>ATE INHALATION</u>	Not classified for acute toxicity based on available data.

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
108-88-3	Toluene	5,580 mg/kg	5,000 mg/kg	28.1 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat
64741-65-7	Naphtha (petroleum), Heavy Alkylate	5,000 mg/kg	5,000 mg/kg	100 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
68410-97-9	Distillates (petroleum), Light Distillate Hydrotreated	5,000 mg/kg	2,000 mg/kg	100 mg/l
64742-89-8	Solvent Naphtha (Petroleum), Light Aliphatic	5,000 mg/kg	3,000 mg/kg	100 mg/l
1333-86-4	Carbon Black	8,000 mg/kg	5,000 mg/kg	100 mg/l
5989-27-5	d-Limonene	5000 mg/kg	5000 mg/kg	100 mg/l
108-65-6	2-methoxy-1-methylethyl Acetate	5,155 mg/kg	5000 mg/kg Rabbit	16.0 mg/L Rat
1330-20-7	Xylene	3,523 mg/kg	1,100 mg/kg	11 mg/l

123-86-4	n-Butyl Acetate	14,130 mg/kg	5,000 mg/kg	21 mg/l
8052-41-3	Stoddard solvent	5000 mg/kg	>3000 mg/kg Rabbit	100 mg/l
100-41-4	Ethyl Benzene	3,500 mg/kg	5,000 mg/kg	11 mg/l
95-63-6	1,2,4-trimethylbenzene	6,000 mg/kg	3,440 mg/kg	18 mg/L Rat
14808-60-7	Crystalline Silica	5,000 mg/kg	5,000 mg/kg	N.I.

N.I. = No Information

Skin Corrosion & Irritation:**Product:** No data available**Components:**

Toluene 108-88-3 Causes skin irritation.

Serious Eye Damage & Irritation:**Product:** No data available**Respiratory or Skin Sensitization:****Product:** No data available**Components:**

d-Limonene 5989-27-5 May cause an allergic skin reaction.

STOT-Single Exposure:**Product:** No data available**STOT-Repeated Exposure:****Product:** No data available**Components:**

Toluene 108-88-3 May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard:**Product:** No data available**Carcinogenicity:****Product:** Contains: Crystalline Silica (CAS: 14808-60-7). Crystalline Silica is classified as carcinogenic by IARC (Group 2B). However, the Crystalline Silica used in this product is in a non-respirable form and under normal conditions of use, Crystalline Silica cannot become airborne. The carcinogenic effects of Crystalline Silica are therefore not applicable to this product.**Reproductive Toxicity:****Product:** No data available**Components:**

Toluene 108-88-3 Suspected of damaging fertility or the unborn child.

Germ Cell Mutagenicity:**Product:** No data available**12. Ecological Information****ECOLOGICAL INFORMATION:** No data available**PERSISTENCE:** No data available**BIOACCUMULATE:** No data available**MOBILITY IN SOIL:** No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING : Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk	N/A
Packing Group:	N/A

IATA

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	N/A
Packing Group:	N/A

IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	N/A
Packing Group:	N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.	Wt %
Toluene	108-88-3	19.28
Xylene	1330-20-7	0.32
Ethyl Benzene	100-41-4	0.14

CHEMICAL INVENTORY STATUS:

TSCA On or in compliance with the inventory

DSL All ingredients in this product are listed on the DSL or are exempt.

CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:



WARNING

This product can expose you to chemicals including Carbon Black, Ethyl Benzene, Crystalline Silica, Cumene, Naphthalene, Benzene, which are known to the State of California to cause cancer, and Toluene, Benzene which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

<u>Chemical Name</u>	<u>CAS-No.</u>
Toluene	108-88-3
Carbon Black	1333-86-4
Ethyl Benzene	100-41-4
Crystalline Silica	14808-60-7
Cumene	98-82-8
Naphthalene	91-20-3
Benzene	71-43-2

16. Other Information

Revision Date: 10/18/2024

Datasheet produced by: Regulatory Department

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

Further Information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.