

GHS COMPLIANT SAFETY DATA SHEET

TO COMPLY WITH *OSHA* HAZARD COMMUNICATION STANDARD 29 *CFR*.1910.1200
& THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

SECTION 1: IDENTIFICATION

PRODUCT NAME	Resiflow® LX-50
MFR.'S CODE ID/SYNONYMS	Resiflow® LX-50, DS8-5, DS8-5 V1
CAS NUMBER	Mixture (see Sections 3 or 8)
PRODUCT USE	Acrylic Polymer Solution
RESTRICTIONS ON USE	For industrial use only
MANUFACTURER/SUPPLIER	Estron Chemical, Inc.
ADDRESS	807 North Main Street, Calvert City, KY 42029 USA
GENERAL INFORMATION	(270) 395-4195
EMERGENCY TELEPHONE	CHEMTREC (800) 424-9300





SECTION 2: HAZARDS IDENTIFICATION

Signal Word: *Danger*

GHS Classification

Physical	Health	Environmental
Flammable Liquids – Category 3	Skin Corrosion/Irritation – Category 2 Eye Damage/Irritation – Category 2A Germ Cell Mutagenicity – Category 1B Carcinogenicity – Category 1B Toxic to Reproduction – Category 2 Specific Target Organ Toxicity, Single Exposure (Respiratory System, Narcotic Effects) – Category 3 Specific Target Organ Toxicity, Repeated Exposure (Central Nervous System) – Category 1	Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2

GHS Label

			
Symbols: Flame	Health Hazard	Exclamation Mark	Environment
Hazard Statements H226: Flammable liquid and vapour H315: Causes skin irritation H319: Causes serious eye irritation H335: May cause respiratory irritation H336: May cause drowsiness or dizziness H340: May cause genetic defects H350: May cause cancer H361: Suspected of damaging fertility or the unborn child H372: Causes damage to organs (Central Nervous System) through prolonged or repeated exposure H411: Toxic to aquatic life with long lasting effects		Precautionary Statements <i>Prevention</i> 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. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/light/equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash exposed skin thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection.	

	<p><i>Response</i></p> <p>P302+352: IF ON SKIN: Wash with soap and water.</p> <p>P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.</p> <p>P308+313: IF exposed or concerned: Get medical advice/attention.</p> <p>P312: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P321: Specific treatment (see supplemental first aid instructions on this label)</p> <p>P332+313: If skin irritation occurs: Get medical advice/attention.</p> <p>P337+313: If eye irritation persists, get medical advice/attention.</p> <p>P362+P364: Take off contaminated clothing and wash it before reuse.</p> <p>P370+378: In case of fire: Use foam, dry chemical powder or carbon dioxide to extinguish.</p> <p>P391: Collect spillage.</p> <p><i>Storage</i></p> <p>P403+233+235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.</p> <p>P405: Store locked up.</p> <p><i>Disposal</i></p> <p>P501: Dispose of contents/container to an authorized hazardous waste handler.</p>
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HAZARDS NOT OTHERWISE CLASSIFIED: None identified.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	%	CLASSIFICATION	H CODES
Light Aromatic Solvent Naphtha	64742-95-6	49.0 – 51.0	Flammable Liquids – Category 3 Skin Corrosion/Irritation – Category 2 Eye Damage/Irritation – Category 2A Germ Cell Mutagenicity – Category 1B Carcinogenicity – Category 1B Toxic to Reproduction – Category 2 Specific Target Organ Toxicity, Single Exposure (Respiratory System, Narcotic Effects) – Category 3 Specific Target Organ Toxicity, Repeated Exposure (Central Nervous System) – Category 1 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2	H226 H315 H319 H340 H350 H361 H335, H336 H372 H304 H401 H411

Component Breakdown of Light Aromatic Solvent Naphtha:

HAZARDOUS INGREDIENTS	CAS #	%	CLASSIFICATION
Light Aromatic Solvent Naphtha	64742-95-6	26.9 – 51.0	Flammable Liquids – Category 3 Acute Toxicity (Inhalation) – Category 4 Skin Corrosion/Irritation – Category 2 Eye Damage/Irritation – Category 2A Carcinogenicity – Category 2 Specific Target Organ Toxicity, Single Exposure (Respiratory System) – Category 3 Specific Target Organ Toxicity, Repeated Exposure (Central Nervous System) – Category 2 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2
Mixed Trimethylbenzenes	25551-13-7	6.4 – 35.7	Flammable Liquids – Category 3 Acute Toxicity (Inhalation) – Category 4 Skin Irritation – Category 2 Eye Irritation – Category 2A Specific Target Organ Toxicity, Single Exposure (Respiratory System) – Category 3 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2
3-Ethyltoluene	620-14-4	0.0 – 10.2	Flammable Liquids – Category 3 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2
Cumene	98-82-8	0.0 – 5.1	Flammable Liquids – Category 3 Specific Target Organ Toxicity, Single Exposure (Respiratory System) – Category 3 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2
2-Ethyltoluene	611-14-3	0.0 – 4.6	Flammable Liquids – Category 3 Aspiration Hazard – Category 1
4-Ethyltoluene	622-96-8	0.0 – 4.6	Flammable Liquids – Category 3 Aspiration Hazard – Category 1
Propylbenzene	103-65-1	0.0 – 3.6	Flammable Liquids – Category 3 Specific Target Organ Toxicity, Single Exposure (Respiratory System) – Category 3 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2
Mixed Xylenes	1330-20-7	0.0 – 2.6	Flammable Liquids – Category 3 Acute Toxicity (Dermal, Inhalation) – Category 4 Skin Corrosion/Irritation – Category 2 Eye Damage/Irritation – Category 2A Carcinogenicity – Category 2 Toxic to Reproduction – Category 2 Specific Target Organ Toxicity, Single Exposure (Respiratory System) – Category 3 Specific Target Organ Toxicity, Repeated Exposure (Liver, Kidney, Central Nervous System) – Category 2 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2 Hazardous to the Aquatic Environment, Chronic Hazard – Category 2
Ethylbenzene	100-41-4	0.0 – 0.3	Flammable Liquids – Category 2 Acute Toxicity (Inhalation) – Category 4 Skin Corrosion/Irritation – Category 3 Eye Damage/Irritation – Category 2 Carcinogenicity – Category 2 Toxic to Reproduction – Category 2 Specific Target Organ Toxicity, Repeated Exposure (Central Nervous System) – Category 2 Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 2

(See Section 8 for Exposure Limits)

NON-HAZARDOUS INGREDIENTS	CAS #	%
Acrylic Polymer	Proprietary	49.0 – 51.0

SECTION 4: FIRST-AID MEASURES

SYMPTOMS OF EXPOSURE

ACUTE	Serious eye damage. Skin or respiratory tract irritation. Coughing or sneezing. Drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause genetic defects.
DELAYED	Stinging, tearing, redness and swelling of the eyes. Drying, cracking, redness or burning of the skin. Respiratory tract irritation, difficulty breathing. Suspected of damaging fertility or the unborn child. May cause genetic defects. May cause cancer. Damage to Central Nervous System.
INHALATION	Do not breathe vapours, mists or dusts. Symptoms include possible discomfort; cough, sneezing, drowsiness or dizziness. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.
SKIN CONTACT	Causes skin irritation. Take off contaminated clothing. Rinse skin with water/shower. Prolonged or repeated contact may dry the skin. If skin irritation occurs: Get medical advice/attention.
EYE CONTACT	Causes serious eye irritation. 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.
INGESTION	If ingested, seek medical attention. Rinse mouth.
SPECIFIC TREATMENT	No other specific treatments are known or have been identified.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION	Combustible Liquid Class II (U.S.) Flammable Liquids – Category 3 (GHS)
FLAMMABLE LIMITS	LEL: 0.9 %, by volume of solvent. UEL: 7.0 %, by volume of solvent.
HAZARDOUS COMBUSTION PRODUCTS	Carbon Dioxide, Carbon Monoxide.
EXTINGUISHING MEDIA	Dry Chemical, Foam, CO ₂ .
UNUSUAL FIRE AND EXPLOSION HAZARDS	Solvent vapors may travel in the work place. Since even residual amounts can ignite explosively, ensure all ignition sources are removed from the area. Solid streams of water may spread fire.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained breathing apparatus and protective suit when fighting fire. Solid streams of water may spread the fire. Do not allow run-off to enter public drainage systems or open water courses.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS	As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full (Bunker) protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Prevent contact with skin, eyes and clothing. Ensure adequate ventilation.
PROTECTIVE EQUIPMENT	See Personal Protective Equipment in Section 8.
EMERGENCY PROCEDURES	Avoid unnecessary exposure to bystanders, prevent contact with open flames or high heat sources. Isolate the area and eliminate all ignition sources. Ground and bond all containers and handling equipment. Pump with explosion-proof equipment.
ENVIRONMENTAL PRECAUTIONS	Obey relevant local, state, provincial and federal laws and regulations. Do not allow the product to enter public drainage systems or open water courses.
METHODS AND MATERIALS FOR CLEANING UP	Absorb the product onto vermiculite, floor absorbent or other absorbent materials, such as dry-lime, sand, or soda ash. Sweep or scoop into a suitable container for disposal. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING Prevent contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not breathe vapors. Do not eat, drink or smoke when using this product. Use with adequate ventilation. Ground and bond all containers and handling equipment. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges. Emptied containers may still be hazardous. Do not cut, drill, grind, weld or perform similar actions on or near empty containers.

CONDITIONS FOR SAFE STORAGE Keep container tightly closed and store in a dry, well ventilated area away from extreme heat, open flame or sources of ignition. Store locked up.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS	CAS #	%	ACGIH TLV	OSHA PEL
Acrylic Polymer	Proprietary	49.0 – 51.0	<i>None established</i>	<i>None established</i>
Light Aromatic Solvent Naphtha	64742-95-6	49.0 – 51.0	25 ppm	100 ppm
<i>Mixed Trimethylbenzenes</i>	25551-13-7	6.4 – 35.7	25 ppm	25 ppm
3-Ethyltoluene	620-14-4	0.0 – 10.2	<i>No data available</i>	<i>No data available</i>
Cumene	98-82-8	0.0 – 5.1	50 ppm	50 ppm
2-Ethyltoluene	611-14-3	0.0 – 4.6	<i>No data available</i>	<i>No data available</i>
4-Ethyltoluene	622-96-8	0.0 – 4.6	<i>No data available</i>	<i>No data available</i>
Propylbenzene	103-65-1	0.0 – 3.6	<i>Not applicable</i>	<i>Not applicable</i>
Mixed Xylenes	1330-20-7	0.0 – 2.6	100 ppm	100 ppm
Ethylbenzene	100-41-4	0.0 – 0.3	125 ppm	125 ppm

APPROPRIATE ENGINEERING CONTROLS Showers, eyewash stations and explosion-proof ventilation systems.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE	Chemical splash goggles or face shield.
SKIN	Wear resistant gloves (consult you safety equipment supplier) and impervious protective clothing as appropriate to prevent skin contact.
RESPIRATORY	An appropriate NIOSH approved respirator where exposure limits are exceeded.
HYGIENE MEASURES	Handle in accordance with good industrial hygiene and safety practices. When using, do not eat, drink or smoke. Wash face and hands before breaks and at the end of work. Wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid	ODOR	Strong, aromatic
ODOR THRESHOLD	No test data available	pH	No test data available
MELTING POINT	No test data available	BOILING POINT/RANGE	148.9 °C @ 760 mmHg
FLASH POINT	41.7 °C, (107.1 °F)	EVAPORATION RATE	0.375 (BuAc = 1)
FLAMMABILITY	Combustible Liquid Class II (U.S.), Flammable Liquids – Category 3 (GHS)		
FLAMMABLE LIMITS	LOWER 0.9 %, <i>by volume of solvent</i>	UPPER 7.0 %, <i>by volume of solvent</i>	
VAPOR PRESSURE	2.5 mmHg @ 20 °C	VAPOR DENSITY	4.1 (Air = 1)
RELATIVE DENSITY	No test data available	SOLUBILITY IN H ₂ O	Negligible
PARTITION COEFFICIENT (n-octanol/water)	<i>See component information in Section 12.</i>	AUTOIGNITION TEMPERATURE	462.8 °C (864 °F)
DECOMPOSITION TEMPERATURE	> 250 °C (Polymer)	VISCOSITY	40 – 90 cps
% VOLATILE	49 – 51%	SOFTENING POINT	No test data available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	This product does not pose a significant reactivity hazard when stored appropriately (see Section 7).
STABILITY	This product is stable when stored appropriately (see Section 7).
CONDITIONS TO AVOID	All ignition sources, heat and open flames.
INCOMPATIBLE PRODUCTS	Strong oxidizers, acids, alkalis and amines.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Dioxide, Carbon Monoxide.
POSSIBILITY OF HAZARDOUS REACTIONS	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

SYMPTOMS OF EXPOSURE

ACUTE	Serious eye damage. Skin or respiratory tract irritation. Coughing or sneezing. Drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause genetic defects.		
DELAYED	Stinging, tearing, redness and swelling of the eyes. Drying, cracking, redness or burning of the skin. Respiratory tract irritation, difficulty breathing. Suspected of damaging fertility or the unborn child. May cause genetic defects. May cause cancer. Damage to Central Nervous System.		
ACUTE TOXICITY			
INHALATION	Suspected of causing cancer. May cause drowsiness or dizziness. May cause respiratory irritation. May cause damage to organs (Central Nervous System) through prolonged or repeated exposure.		
SKIN	Causes skin irritation.		
EYES	Causes serious eye irritation.		
INGESTION	May cause nausea or gastric distress.		
INHALATION TOXICITY	LC ₅₀ Rat	Solvent Naphtha Polymers	> 6,193 mg/l Not established
DERMAL TOXICITY	LD ₅₀ Rabbit	Solvent Naphtha Polymers	> 2,000 mg /kg Not established
SKIN IRRITATION	Draize, Rabbit, 4 hours	Solvent Naphtha Polymers	Irritating to skin. May cause skin irritation in susceptible persons. Not established
EYE IRRITATION	Draize, Rabbit	Solvent Naphtha Polymers	Irritating to eyes. May cause irreversible eye damage. Not established
ORAL TOXICITY	LD ₅₀ Rat	Solvent Naphtha Polymers	2,900 mg/kg Not established
SENSITIZATION	Buehler, Guinea Pig	Solvent Naphtha Polymers	Did not cause sensitization on laboratory animals. Not established

CHRONIC EFFECTS		
CARCINOGENICITY		Solvent components are suspected of causing cancer.
98-82-8	Carcinogenicity - Assessment	Reasonably anticipated to be a human carcinogen.
MUTAGENIC EFFECTS		Solvent components caused some positive result(s) from in vivo heritable germ cell mutagenicity tests in mammals.
REPRODUCTIVE TOXICITY		Solvent components displayed some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.
TARGET ORGAN EFFECTS		Central Nervous System, Respiratory System (Inhalation)
ASPIRATION TOXICITY	Not considered an Aspiration hazard due to kinematic viscosity.	

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY	Toxic to aquatic life with long lasting effects.		
TOXICITY TO FISH	LC ₅₀ <i>Oncorhynchus mykiss</i> , 96 h	64742-95-6	9.2 mg/l
	LC ₅₀ <i>Oncorhynchus mykiss</i> , 96 h	98-82-8	2.7 mg/l
	LC ₅₀ <i>Lepomis macrochirus</i> , 96 h	1330-20-7	7.7 mg/l
		Polymers	Not established
TOXICITY TO DAPHNIA	EC ₅₀ <i>Daphnia magna</i> , 48 h	64742-95-6	4.5 mg/l
		Polymers	Not established
TOXICITY TO ALGAE	EC ₅₀ <i>Psuedokirchneriella subcapitata</i> , 72 h	64742-95-6	3.1 mg/l
		Polymers	Not established
CHRONIC HAZARDS	NOEC, <i>Psuedokirchneriella subcapitata</i> , 72 h	64742-95-6	1 mg/l
		Polymers	Not established
PERSISTENCE AND DEGRADABILITY	Inoculum, activated sludge, 28 d	64742-95-6	77.05%, 49.2 mg/l, Readily biodegradable
		Polymers	Not established
BIOACCUMULATIVE POTENTIAL	Partition coefficient	64742-95-6	log P _{ow} = 3.42 (25 °C)
	Partition coefficient	98-82-8	log P _{ow} = 3.55 (23 °C)
	Partition coefficient	1330-20-7	log P _{ow} = 2.77 - 3.15
		Polymers	Not established
MOBILITY IN SOIL	No data available		
OTHER ADVERSE EFFECTS	None known		

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL Dispose of in accordance with local, state and federal regulations. Destroy by incineration with off-gas scrubber. Do not discharge effluent containing this product into lakes, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact you State Water Board or Regional Office of the Environmental Protection Agency.

US EPA WASTE NUMBER & DESCRIPTION No information available

SECTION 14: TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

U.S. DOT

For ground transportation ONLY:

Proper Shipping Name: Combustible liquid, n.o.s. (*solvent naphtha*)

Classification: Comb liq

UN#: NA1993

Packing Group: III

Hazard Label: Combustible liquid

Note: Not a Marine Pollutant, by D.O.T. standards

ICAO / IATA

Proper Shipping Name: Resin solution, *flammable (solvent naphtha)*.

Classification: 3

UN#: 1866

Packing Group: III

Hazard Label: Flammable liquid

All other transport:

Proper Shipping Name: Resin solution, *flammable (solvent naphtha)*.

Classification: 3

UN#: 1866

Packing Group: III

Hazard Label: Flammable Liquid, Marine Pollutant

IMDG

Proper Shipping Name: Resin solution, *flammable (solvent naphtha)*.

Classification: 3

UN#: 1866

Packing Group: III

EmS#: F-E, S-E

Environmental Hazard: Marine Pollutant

Hazard Label: Flammable liquid, Marine Pollutant

ADR/RID

Proper Shipping Name: Resin solution, *flammable (solvent naphtha)*.

Classification: 3

UN#: 1866

\Packing Group: III

Environmental Hazard: Marine Pollutant

Hazard Label: Flammable liquid, Marine Pollutant

SECTION 15: REGULATORY INFORMATION

The components in this product are either listed or exempt from listing due to polymer exemption criteria for the following chemical listing inventories as indicated by an "X":

AICS	Australian Inventory of Chemical Substances	X
DSL	Canadian Domestic Substances List	X
ECL	Korean Existing Chemicals List	X
ELINCS	European List of Notified Chemical Substances	
ENCS	Japanese Existing and New Chemical Substances	X
IECSC	Inventory of Existing Chemical Substances in China	X
ISRAEL	Proposed Israel Hazardous Substances List	
NDSL	Canadian Non-Domestic Substances List	
NZIoC	New Zealand Inventory of Chemicals	X
PICCS	Philippines Inventory of Chemicals and Chemical Substances	X
SWISS	Giftelist 1 and Inventory of Notified New Substances	
TCSI	Taiwan Chemical Substances List	X
TSCA	US Toxic Substances Control Act	X

INTERNATIONAL REGULATIONS

EU REGULATION

(EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization, *Substances of Very High Concern*: This product does not contain any SVHC listed substances.

REACH

All components of this product are REACH registered per ECHA requirements.

C.D. 96/82/EC

Council Directive 96/82/EC, Annex I not mentioned by name. With regard to possibly appropriate decomposition products see Chapter 10.

CANADA WHMIS Class B-3: Flammable/Combustible
 Class D-2B: Other toxic effects (Toxic)
 All known major components of this material are listed on the Canadian Environmental Protection Act (CEPA) DSL or are exempt.

FEDERAL REGULATIONS

SARA 313 This product does contain chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355), see below.

INGREDIENTS	CAS #	%
Mixed Xylenes	1330-20-7	0.0 – 2.6
Mixed Trimethylbenzenes	25551-13-7	6.4 – 35.7
Cumene	98-82-8	0.0 – 5.1

SARA Section 311/312 (40 CFR 370) Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Pressure Hazard	No
Reactivity Hazard	No

CERCLA This product, as supplied, contains substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this product.

Mixed Xylenes (1330-20-7): 100 lb RQ.
Cumene (98-82-8): 5000 lb RQ
Benzene (71-43-2): 10 lb RQ

CLEAN WATER ACT The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 116.4A: Mixed Xylenes, Toluene, Benzene.
 The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 117.3: Mixed Xylenes, Toluene, Benzene.
 This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CLEAN AIR ACT This product contains substances (Mixed Xylenes, Cumene) regulated as hazardous air pollutants (HAPS under Section 112 of the Clean Air Act Amendments of 1990).

OTHER FEDERAL None known

U.S. STATE REGULATIONS

RIGHT TO KNOW The Listing requirements of the Right to Know (RTK) legislation varies by state. All information for NJ, PA, MA and other states can be derived from the listing of hazardous and non-hazardous components in Sections 2 and 15 of this Safety Data Sheet.

CALIFORNIA PROP 65 **CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):**
 WARNING! This product contains a chemical(s) known to the State of California to cause cancer.

Component	CAS #	Amount
Cumene	98-82-8	0.0 – 5.1 %
Benzene	71-43-2	< 0.02 %

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):
 WARNING! This product contains a chemical(s) known to the State of California to cause birth defects or other reproductive harm.

Component	CAS #	Amount
Toluene	108-88-3	< 0.02 %
Benzene	71-43-2	< 0.02 %

SECTION 16: OTHER INFORMATION

DISCLAIMER This product is intended for industrial use only and should be used in accordance with the manufacturer's recommendations. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. This SDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

DATE OF REVISION May 2, 2019, *first May 2, 2019 DS8-5 version.*

REASON FOR REVISION Changed the product name to Resiflow® LX-50 and changed the EINECS statement to a REACH statement in Section 15.

SDS PREPARED BY Glen Pearson

SDS APPROVED BY Robert Auerbach