



SAFETY DATA SHEET

RAPID CURE MVB Clear and Tinted Base Part B

Section 1: COMPANY AND PRODUCT IDENTIFICATION

Manufacturer Name

SurfaceLogix (a Reliance Supply Company)
1880 N.W. 18th Street, Pompano Beach, FL 33039

Telephone Numbers

Information - 954.971.9111
Transportation and Medical Emergency –
CHEMTREC 1-800 262-8200

Product Number

148B, 147B

Product Name

RAPID CURE MVB CLEAR and TINTED PART B

Chemical Family

Epoxy Solvent System

Section 2: HAZARD IDENTIFICATION

GHS Classification; Signal Word: DANGER


GHS Label
Elements:

SKIN SENSITIZATION -Category 1
INHALATION- Category 2
ENVIRONMENTAL-Acute hazard to aquatic-Category 3
FLAMMABILITY- Category 3
ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
SKIN CORROSION/IRRITATION - Category 1A
SERIOUS EYE DAMAGE/
EYE IRRITATION - Category 1
TOXIC TO REPRODUCTION - Category 2

Hazard pictograms

Hazard statements: General; Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage. Suspected of damaging fertility or the unborn child.

H318: Causes serious eye damage.

H314: Causes severe skin burns and eye damage. **H317:** May cause an allergic skin reaction.

H373: May cause damage to organs through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements: Prevention:

260: Do not breathe dust/fume/gas/vapors/spray.

P264: Wash hands 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.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P273: Avoid release to the environment.

P310: Immediately call a POISON CENTER/doctor.

P202: Do not handle until all safety precautions have been read and understood.

P201: Obtain special instructions before use.

Response:

P314: Get medical advice/attention if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a comfortable position for breathing.

P-305+351 If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention. **P363:** Wash contaminated clothing before reusing.

Disposal:

P501-Dispose of contents and containers in accordance with existing federal, state, and local environmental control laws.

Section 3: COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS</u>
4-(1,1-dimethylethyl)-Phenol	<50	98-54-4
Trimethyl hexamethylene diamine	<30	25513-64-8
Benzyl Alcohol	5-30	100-51-6
1,3-Benzenedimethanamine	<30	1477-55-0
1,2-Diamino cyclohexane	13-30	694-83-7
4-nonylphenol, Branched	<5	84852-15-3

The specific chemical identity and/or exact percentage of components have been withheld as a trade secret.

Section 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

SKIN: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.

INGESTION: Rinse mouth with water. DO NOT induce vomiting. Call a physician or poison control center immediately.

INHALATION: If affected by vapors, move to fresh air. If symptoms persist consult a physician.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Eye irritation.

SKIN: May cause skin irritation.

NOTES TO PHYSICIAN: Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5: FIRE FIGHTING MEASURES

Flammable Class Combustible liquid Class IIIB by NFPA.

Suitable extinguishing media: Carbon dioxide (CO₂), Dry chemical, Alcohols' resistant Foam Special Fire Fighting Procedures

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Do not use water jet; a percentage of product floats on water – water jet spreads flames.

Hazardous Decomposition Products by Fire and Thermal Decomposition:

Carbon oxides, Nitrogen oxides (NO_x), Amines, Phenolics, other aliphatic fragments which have not been determined, Ammonia gas may be liberated at high temperatures.

Section 6: ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures:

Personal precautions, protective equipment and emergency procedures: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety equipment.

For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Cover spill with inert material (e.g., dry sand or earth) and collect for proper disposal. Dike or dam spilled material and control further spillage, if possible. Prevent from entering open drains and waterways. Wash spill area with water. Ventilate area to remove vapors or dust.

Section 7: HANDLING AND STORAGE

Handling/Storage Precautions Avoid contact with skin or clothing. Avoid contact with eyes.

Use only with adequate ventilation/personal protection. Wash thoroughly after handling it. Keep the container closed when not in use.

Do not breathe vapor or spray mist.

Store in a dry place away from excessive heat. Keep container tightly sealed.

Do not reseal containers if contamination is suspected.

Protect from freezing

Storage temperature:

minimum: 5 °C (41 °F)

maximum: 40 °C (104 °F)

Storage period: SHELF LIFE: 12 months.

Please see the expiration date on the container. Store best at 25 °C (77 °F)

Handling/Storage Precautions

Handle in accordance with good industrial hygiene and safety practices.

Keep the container closed when not in use. Substances to avoid are oxidizing agents, acids and isocyanates. Warning Content is Flammable, never cut, drill, weld or grind on or near this container.

Further Info on Storage Conditions:

Protect from freezing. Store in a cool dry place. Store in original or similar containers. Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

The recommendations in this section should not be a substitute for a personal protective equipment (PPE) assessment performed by the employer as required by 29 CFR 1910 Subpart I.

Any component listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

Industrial Hygiene/Ventilation Measures:

General ventilation and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines needed. Thermal processing operations should be ventilated to control gases

and fumes given off during processing. Curing ovens must be ventilated to prevent the buildup of explosive atmospheres and to prevent off gases from entering the workplace.

Respiratory protection:

When workers are handling this product and especially when are facing concentrations above the exposure limit they must use appropriate certified NIOSH approved respirators.

Hand protection:

Permeation resistant gloves, Butyl rubber gloves, Nitrile rubber gloves.; (nitrile or NBR). Neoprene. Polyvinyl chloride (PVC or Vinyl).

Eye protection: Chemical safety goggles or safety glasses with side-shields.

Skin and body protection Permeation resistant clothing, Gloves, long sleeved shirts and pants. Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Store separated from food products.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Fluid

ODOR: Characteristic (slight ammonia like odor).

pH:> 7.0

FLASH POINT AND METHOD:~113° C (235° F) Closed Cup

LOWER EXPLOSION LIMIT: Not available

UPPER EXPLOSION LIMIT: Not available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

BOILING POINT:> 237° C (459° F)

FREEZING POINT: No data available

MELTING POINT: No data available

DECOMPOSITION TEMPERATURE: No data available

SOLUBILITY IN WATER: Not Determined.

EVAPORATION RATE: No data available

DENSITY: 8.4 lb/gal

SPECIFIC GRAVITY: 1.00 gr/cc

VISCOSITY: 300-800 CPS

OXIDIZING PROPERTIES: No data available

Section 10: STABILITY AND REACTIVITY

Hazardous Reactions

Hazardous polymerization should not occur.

Reactivity: No specific data available; Will react exothermally with bisphenol resins.

Chemical stability: Stable under recommended storage conditions. See Storage, Section 7.

Materials to avoid : Avoid strong acids, and oxidizing agents, acid chlorides, peroxides.

Conditions to avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with moisture / water.

Hazardous decomposition products

By Fire and Thermal Decomposition: Carbon dioxide (CO₂), carbon monoxide (CO), Nitrogen.

Section 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY OF BLEND:

DERMAL LD₅₀: Not determined for blend. ORAL LD₅₀: Not determined for blend.

INHALATION LC₅₀: Not determined for blend. NOTES: No data available

SKIN CORROSION/IRRITATION: Via Eyes, Skin. Brief contact may cause moderate skin irritation with local redness.

RESPIRATORY OR SKIN SENSITIZATION: Sensitization possible through skin contact.

CARCINOGENICITY

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1 % is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

Potential acute health effects:

Eye contact: Causes serious eye damage.

Inhalation: No known significant effects or critical hazards

Skin contact: Causes severe burns. Harmful in contact with skin.

Ingestion: Harmful if swallowed.

ACUTE TOXICITY ON INGREDIENTS:

Product/ingredient name

4-Nonylphenol.

Rat - Oral - LD50 1300 mg/kg

Toxic effects: Liver - Other changes Blood - Hemorrhage Gross Metabolite Changes - Weight loss or decreased weight gain

REPRODUCTIVE TOXICITY: Nonyl phenol: Suspected human reproductive toxicant.

Cyclohexanedimethanamine

Rat - Oral - LD50 880 mg/kg

Toxic effects: Gastrointestinal - Other changes

2,4,6-tris(dimethylaminomethyl)phenol

Rat - Oral - LD50 1200 mg/kg

Toxic effects: Peripheral Nerve and Sensation - Flaccid paralysis

Skin corrosion/irritation

Toxic effects ORAL LD50: **Benzyl alcohol:**

LD50 - Rat 1,230 mg/kg.

Serious eye damage/eye irritation

Product/ingredient name

4-Nonylphenol

Amount/concentration applied: 100 mg

Poly(oxypropylene)diamine

Amount/concentration applied: 100 mg

2,4,6-tris(dimethylaminomethyl)phenol

Duration of treatment/exposure: 24 hours Amount/concentration applied: 50 ug

Result

Rabbit - Eyes - Severe irritant

Rabbit - Eyes - Severe irritant

Rabbit - Eyes - Severe irritant

Section 12: ECOLOGICAL INFORMATION

PRODUCT INFORMATION:

ECOTOXICOLOGICAL INFORMATION

No data available for this formulated product; data is reported based on its components.

Toxicity

Product/ingredient name:

4-Nonylphenol Chronic - NOEC - Fresh water

Fish - Fathead minnow - Pimephales promelas - Embryo Age: <24 hours

7.4 µg/l [33 days] Effect: Mortality

Acute - LC50 - Marine water

Fish - Winter flounder - Pleuronectes americanus - Larvae Age: 2 days

17 µg/l [96 hours] Effect: Mortality

Acute - EC50 - Marine water

Algae - Diatom - Skeletonema costatum

0.027 mg/l [96 hours] Effect: Population

Chronic - EC10 - Marine water

Algae - Diatom - Skeletonema costatum

0.012 mg/l [96 hours] Effect: Population

Chronic - NOEC - Fresh water

Crustaceans - Scud - Gammarus fossarum - Adult 5 µg/l [21 days]

Effect: Reproduction Acute - EC50 OECD

Crustaceans - Water flea - Moina macrocopa

0.044 mg/l [48 hours] Effect: Intoxication

Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-:

AQUATIC TOXICITY (ACUTE): Aquatic invertebrates, LC50 - Daphnia

magna (water flea) 17.4 mg/L.

Biodegradability:

Based on stringent OECD test guidelines, the materials contained in this product cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

Bioaccumulation: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

All recovered material should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable law and regulations. Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal.

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Empty Container Precautions

Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty containers without proper cleaning. Empty containers retain product residue (dust, liquid, vapor and/or gases) and can be dangerous. Do not heat or cut container with electric or gas torch.

Section 14: TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

DOT (DEPARTMENT OF TRANSPORTATION):

UN/NA NUMBER: UN 2735

PROPER SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S.(m-Xylenediamine and Trimethylhexamethylenediamine)

PRIMARY HAZARD CLASS: 8

PACKING GROUP: III

LABEL: 8 Corrosive Substances

ERG:153

LIMITED QUANTITY: Ltd Qty 5L

SPECIAL SHIPPING NOTES: Keep separate from foodstuffs

VESSEL (IMO/IMDG):

UN/ID NUMBER: UN 2735

PROPER SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S.(m-Xylenediamine and Trimethylhexamethylenediamine)

PRIMARY HAZARD CLASS: 8

PACKING GROUP: III

LABEL: 8 Corrosive Substances

MARINE POLLUTANT: Yes

LIMITED QUANTITY: Ltd Qty 5L

EmS CODE: F-A, S-B

SPECIAL SHIPPING NOTES: Keep separate from foodstuffs

AIR (ICAO/IATA):

UN/ID NUMBER: UN 2735

PROPER SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S.(m-Xylenediamine and Trimethylhexamethylenediamine)

PRIMARY HAZARD CLASS: 8

PACKING GROUP: III

LABEL: 8 Corrosive Substances

SPECIAL SHIPPING NOTES: Keep separate from foodstuffs

ENVIRONMENTAL HAZARD: Yes

Section 15: REGULATORY INFORMATION

United States Federal Regulations:



DOT symbol Label and classification: Corrosive

US. Toxic Substances Control Act: Listed on the Active Portion of the TSCA Inventory:

Benzyl Alcohol and 1,2-Diamino cyclohexane

No substances are subject to TSCA 12(b) export notification requirements.

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components: None

SARA Section 311/312 Hazard Categories: Acute health Hazard, Chronic health hazard.

Right-To-Know Act (EPCRA) 311/312 HEALTH HAZARDS: Acute.

SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:

None US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA)

SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:

This material does not contain any chemical components with known CAS number that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous

Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

State Right-To-Know Information ; CALIFORNIA PROPOSITION 65:

WARNING: This product does not expose you to chemicals which are known to the State of California to cause cancer.

For more information, go to www.P65Warnings.ca.gov.

TSCA STATUS: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.

Section 16: OTHER INFORMATION

PREPARED BY: EMG

Date Prepared: 07/09/2025

Health	*	3
Flammability		1
Physical hazards		0

***HMIS RATING:**

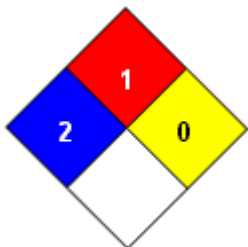
HEALTH: 3

FLAMMABILITY: 1

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: C

NFPA CODES:



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Rev EM 7-17-2025