SAFETY DATA SHEET

1. Identification

Product Identifier: BDC 9520 Side B Resin

Use: Polyester polyol resin (Side B) for two-component coating systems. For Industrial/Professional use only.

Manufacturer: BDC Epoxy Systems, Inc.

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2. Hazards Identification

GHS Classification:

Flammable Liquids – Category 2
Skin Irritation – Category 2
Eye Irritation – Category 2A
Carcinogenicity – Category 2
Specific Target Organ Toxicity, Single Exposure – Category 3 (narcotic effects)
Hazardous to the Aquatic Environment – Acute Hazard Category 3

Label Elements: Danger



Hazard Statements

H225	Highly flammable liquid and vapor.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H402	Harmful to aquatic life.

Precautionary Statements

P203	Obtain, read, and follow all safety instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, and lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing fumes, vapors, mists, or sprays.
P264	Wash hands 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, and face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep 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.
P318	IF exposed or concerned, get medical advice.
P319	Get medical help if you feel unwell.
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use foam, carbon dioxide, dry chemical, or water fog to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local, regional, and national regulations.

Supplemental Information: This is one part of a two-part system. Read and understand the hazard information on Side A before using. Repeated exposure may cause skin dryness or cracking.

3. Composition / Information on Ingredients

Chemical Name	CAS #	%
Polyester polyol	Proprietary	30 – 60
p-Chlorobenzotrifluoride (PCBTF)	98-56-6	30 – 60
Methyl acetate	79-20-9	10 – 30
Trade Secret Ingredient	Proprietary	5 – 10

The specific chemical identity of the Trade Secret Ingredient and exact concentrations are withheld as a trade secret in accordance with 29 CFR 1910.1200(i). Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentration limits.

4. First-Aid Measures

Eye Contact: Rinse with plenty of water for at least 15 minutes, holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if you feel unwell.

Ingestion: Rinse mouth. Do not induce vomiting. Get medical attention.

Most Important Symptoms/Effects: Causes skin and serious eye irritation. Vapors may cause drowsiness, dizziness, headache, and nausea. Repeated or prolonged skin contact may cause drying and cracking.

Indication of Immediate Medical Attention/Special Treatment: Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing Media: Use foam, carbon dioxide, dry chemical, or water fog. A solid water stream may be ineffective and may spread the fire.

Specific Hazards: Highly flammable liquid and vapor. Vapors are heavier than air and may travel to a source of ignition and flash back. Sealed containers may rupture when exposed to fire or excessive heat. Combustion may produce carbon monoxide, carbon dioxide, hydrogen chloride, and hydrogen fluoride.

Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water spray.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Remove all ignition sources. Clear non-emergency personnel from the area. Ventilate the area. Use non-sparking tools and equipment. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors.

Methods and Materials for Containment and Cleanup: Dike the spill and absorb with a non-combustible absorbent material. Place in closed containers for disposal.

Prevent runoff from entering drains, sewers, or waterways. Dispose of in accordance with applicable regulations.

7. Handling and Storage

Safe Handling: Use only with adequate ventilation. Keep away from heat, sparks, and open flames; ground and bond containers and use non-sparking tools. Avoid contact with eyes, skin, and clothing, and avoid breathing vapors. Do not eat, drink, or smoke in the work area. Wash thoroughly after handling. Keep container closed when not in use.

Safe Storage: Store indoors at 50–95°F (10–35°C) in original, tightly closed containers in a well-ventilated area, out of direct sunlight and away from heat, ignition sources, and incompatible materials. Protect from moisture. Store locked up.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits: Methyl acetate (CAS 79-20-9): OSHA PEL 200 ppm TWA; ACGIH TLV 200 ppm TWA, 250 ppm STEL; Cal/OSHA PEL 200 ppm TWA, 250 ppm STEL. No exposure limits established for other components.

Ventilation: Use with adequate general ventilation and local exhaust ventilation to keep airborne concentrations below exposure limits. Use explosion-proof ventilation equipment.

Respiratory Protection: If ventilation is inadequate or exposure limits may be exceeded, use a NIOSH-approved air-purifying respirator with organic vapor cartridges. For higher exposures or in an emergency, use a supplied-air respirator. When spraying in combination with the isocyanate component (Side A), follow the respiratory protection requirements on the Side A SDS. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

Skin Protection: Wear chemical-resistant gloves, such as butyl rubber or nitrile rubber, and protective clothing to prevent skin contact.

Eye Protection: Wear chemical safety goggles; use a face shield where splashing is possible.

Other Protective Measures: An eye wash facility and safety shower should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Liquid, clear

Odor: Solvent

Odor Threshold: No data available

pH: No data available

Melting Point/Freezing Point: No data available

Boiling Point: Approx. 136°F (58°C) initial (methyl acetate)

Flash Point: <70°F (<21°C)

Evap. Rate: Faster than butyl acetate

Upper/Lower Flammability Limits: No data available

Vapor Pressure: No data available

Vapor Density: Heavier than air

Relative Density: Approx. 1.21 (10.1 lbs/gal)

Solubility: Solvent partially soluble; resin insoluble in water

Partition Coefficient (n-octanol/Water): No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: No data available

10. Stability and Reactivity

Reactivity: Reacts with isocyanates.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Heat, sparks, open flames, and other ignition sources; moisture.

Incompatible Materials: Strong oxidizing agents, strong acids and bases, and isocyanates (except under controlled use conditions).

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, and other organic compounds.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.

Skin Contact: Causes skin irritation. Repeated or prolonged contact may cause drying and cracking of the skin.

Inhalation: Vapors may cause irritation of the nose and throat, drowsiness, dizziness, headache, and nausea.

Ingestion: Oral toxicity is expected to be low.

Chronic Health Effects: Suspected of causing cancer (contains PCBTF).

Acute Toxicity Values: PCBTF: Oral LD50 (rat) >6,800 mg/kg; Dermal LD50 (rabbit) >2,700 mg/kg. Methyl acetate: Oral LD50 (rat) 6,482 mg/kg; Dermal LD50 (rabbit) >2,000 mg/kg. Not classified for acute toxicity.

Respiratory Sensitization: Components are not classified as respiratory sensitizers.

Skin Sensitization: Components are not classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Contains p-chlorobenzotrifluoride (PCBTF), classified by IARC as Group 2B (possibly carcinogenic to humans) and listed under California Proposition 65 as known to cause cancer.

Reproductive Toxicity: Components are not classified as reproductive toxicants.

Specific Target Organ Toxicity: Single exposure: may cause drowsiness or dizziness (central nervous system).

12. Ecological Information

Ecotoxicity: Harmful to aquatic life. PCBTF: LC50 (rainbow trout, 96 h) 13.5 mg/L; EC50 (Daphnia, 48 h) 12.4 mg/L. Do not release into waterways.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose of contents and container in accordance with local, state, and federal regulations. Waste may be a RCRA ignitable hazardous waste (D001). Empty containers retain flammable residue; do not cut, weld, or expose to heat.

14. Transport Information

DOT: UN1993, Flammable liquid, n.o.s. (methyl acetate, p-chlorobenzotrifluoride), 3, II. Limited Quantity if shipped in inner packagings of 1 L (0.26 gal) or less.

IATA/IMDG: UN1993, Flammable liquid, n.o.s. (methyl acetate, p-chlorobenzotrifluoride), 3, II

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887.

15. Regulatory Information

OSHA HazCom 2012: This product is classified as hazardous per 29 CFR §1910.1200.

TSCA (US): All components are listed on the TSCA Chemical Substance Inventory.

CERCLA (Superfund): Components are not subject to CERCLA reportable quantity requirements. Some states have more stringent reporting requirements.

SARA Title III: Section 311/312 Hazard Categories: Flammable (gases, aerosols, liquids, or solids); Skin corrosion or irritation; Serious eye damage or eye irritation; Carcinogenicity; Specific target organ toxicity (single exposure). Section 302: None. Section 313: Not listed.

STATE REGULATIONS:

California Proposition 65: WARNING: This product can expose you to chemicals including p-chloro-α,α,α-trifluorotoluene (para-chlorobenzotrifluoride, PCBTF), which

is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: Intended for Industrial/Professional use only.

SDS Revision Notes: Revised: October 29, 2026

Disclaimer: The information contained herein is considered accurate; however, BDC Epoxy Systems, Inc. makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.