

SAFETY DATA SHEET



Date Issued : 04/18/2008
 SDS No : SC-89 SERIES
 Date Revised : 07/18/2018
 Revision No : 3

SC-89 PAINT

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SC-89 PAINT
GENERAL USE: Polyurethane coatings

MANUFACTURER

BJB Enterprises, Inc.
 14791 Franklin Avenue
 Tustin, CA 92780
Emergency Phone: (714) 734-8450

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (USA & Canada): (800) 424-9300
 or (703) 527-3887 CCN# 2820

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Irritation, Category 2
 Eye Irritation, Category 2A
 Reproductive Toxicity, Category 2
 Target Organ Toxicity (Single exposure), Category 3
 Target Organ Toxicity (Repeated exposure), Category 2
 Aspiration Hazard, Category 1

Physical:

Flammable Liquids, Category 2

GHS LABEL

Flame



Health hazard

Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H361: Suspected of damaging fertility or the unborn child.
 H336: May cause drowsiness or dizziness.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H304: May be fatal if swallowed and enters airways.

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.
 P233: Keep container tightly closed.
 P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting/material-handling equipment.

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- P242: Use non-sparking tools.
 P243: Take action to prevent static discharges.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P264: Wash thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P370+P378: In case of fire: Use carbon dioxide, dry chemical, or alcohol-resistant foam for extinction.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P362+P364: Take off contaminated clothing and wash it before reuse.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312: Call a POISON CENTER/doctor/physician if you feel unwell.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 P331: Do NOT induce vomiting.
 P308+P313: IF exposed or concerned: Get medical advice/ attention.

Storage:

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
 P235: Keep cool.
 P405: Store locked up.

Disposal:

- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Toluene	10 - 30	108-88-3
Propan-2-ol	10 - 30	67-63-0
Ethanol, 2-propoxy-	10 - 30	2807-30-9
Polyurethane resin	10 - 30	Proprietary
Xylene	10 - 30	1330-20-7
Ethylbenzene	1 - 5	100-41-4
Cumene	0.1 - 1	98-82-8

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if irritation or rash develops. Wash clothing before reuse.

INGESTION: If swallowed, call a physician immediately. Do NOT induce vomiting. Provided the patient is conscious, wash out mouth with water. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get immediate medical attention.

NOTES TO PHYSICIAN: Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

5. FIRE FIGHTING MEASURES

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GENERAL HAZARD: Flammable liquid and vapor.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or alcohol-resistant foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, hydrocarbons, and aldehydes.

EXPLOSION HAZARDS: Flammable liquid and vapor. Flashback along vapor trail may occur. This material may be ignited by heat, sparks, flame, or static electricity. Closed containers may explode when exposed to extreme heat. Heating can release vapor which can be ignited.

FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water spray. Remove containers from the fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

FIRE FIGHTING EQUIPMENT: Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES: Evacuate unnecessary personnel from the spill area. Eliminate all sources of ignition. Ensure adequate ventilation. Use personal protective equipment. Dike and contain spill. Prevent product from entering drains or waterways. Absorb with non-combustible material (such as sand, earth, diatomaceous earth, or vermiculite) and transfer to a container for disposal according to local/national regulations.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not discharge into drains, surface waters, or groundwater.

GENERAL PROCEDURES: Refer to section 8 of SDS for personal protection details.

RELEASE NOTES: Composition and extent of any spill should be evaluated against local regulations and reported to the proper agencies, if necessary.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from sources of ignition. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid breathing vapor over open containers. Avoid open container exposure to damp air. Avoid breathing aerosols, mists, and vapors.

HANDLING: Use appropriate personal protective equipment as specified in Section 8. Handle in a well-ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

STORAGE: Store in a dry and well-ventilated place, away from excessive heat in the original or similar container. Avoid sources of ignition and incompatible materials. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials. Avoid unnecessary contact.

STORAGE TEMPERATURE: 65-80°F (18-27°C)

SHELF LIFE: 12 months from date of shipment under manufacturers recommended storage conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type	ppm	mg/m ³	
Toluene	OSHA PEL	TWA	200	-
		STEL	-	-
		C	300	-
	ACGIH TLV	TWA	-	-
		STEL	-	-
	NIOSH REL	TWA	100	375
		STEL	150	560
	OSHA PEL	TWA	400	980

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Propan-2-ol	OSHA PEL	STEL	-	-
		ACGIH TLV	TWA	200
	NIOSH REL	STEL	400	-
		TWA	400	980
Ethanol, 2-propoxy-	OSHA PEL	STEL	-	-
		TWA	-	-
	ACGIH TLV	STEL	-	-
		TWA	-	-
	NIOSH REL	STEL	-	-
		TWA	-	-
Polyurethane resin	OSHA PEL	STEL	-	-
		TWA	-	-
	ACGIH TLV	STEL	-	-
		TWA	-	-
	NIOSH REL	STEL	-	-
		TWA	-	-
Xylene	OSHA PEL	STEL	-	-
		TWA	100	435
	ACGIH TLV	STEL	150	-
		TWA	100	-
	NIOSH REL	STEL	150	655
		TWA	100	435
Ethylbenzene	OSHA PEL	STEL	-	-
		TWA	100	435
	ACGIH TLV	STEL	125	-
		TWA	100	-
	NIOSH REL	STEL	125	545
		TWA	100	435
Cumene	OSHA PEL	STEL	-	-
		TWA	50 ^[1]	245 ^[1]
	ACGIH TLV	STEL	-	-
		TWA	50	-
	NIOSH REL	STEL	-	-
		TWA	50 ^[1]	245 ^[1]

Footnotes:

1. Skin

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

SC-89 PAINT**PERSONAL PROTECTIVE EQUIPMENT**

EYES AND FACE: Safety goggles or glasses are recommended. Plastic face shields should be used for complete face protection to protect against possible splashing or spraying of material. ANSI Z87.1 or approved equivalent.

SKIN: Chemical-resistant gloves and chemical goggles, face-shield, and synthetic apron or coveralls should be used to prevent contact with eyes, skin, or clothing. Wear nitrile or neoprene gloves. Chemical resistant gloves lined with polyethylene offer maximum protection.

RESPIRATORY: Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH approved) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

PROTECTIVE CLOTHING: Protective clothing should be selected and used in accordance with 'Guidelines for the Selection of Chemical Protective Clothing' published by ACGIH.

WORK HYGIENIC PRACTICES: Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Wash hands before eating.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Training is important. Follow all label precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Aromatic

COLOR: Colorless to pale amber

pH: No data available

PERCENT VOLATILE: 80.5

FLASH POINT AND METHOD: 5°C (41°F) Setflash (closed cup)

VAPOR PRESSURE: No data available

VAPOR DENSITY: Heavier than air

BOILING POINT: No data available

SOLUBILITY IN WATER: Slightly soluble

SPECIFIC GRAVITY: < 1 (water=1) at 25°C (77°F)

VISCOSITY: No data available

(VOC): < 805 g/l Calculated. Theoretical VOC minus water and exempt solvents.

10. STABILITY AND REACTIVITY

REACTIVITY: Hazardous reactions will not occur under normal transport or storage conditions.

STABILITY: This product is stable under the recommended storage conditions.

CONDITIONS TO AVOID: Avoid heat, sparks, open flames and other ignition sources.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will occur if contaminated with peroxides, metal salts, and polymerization catalyst. Polymerization may occur at elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, hydrocarbons, and aldehydes.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong acids, strong bases, metal salts, and peroxides.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

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Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Toluene	> 5580 mg/kg Rat	12196 mg/kg Rabbit	12500 to 28800 mg/m ³ Rat (4 h)
Propan-2-ol	5045 mg/kg Rat	12800 mg/kg Rabbit	37.5 mg/l Rat (4 h)
Ethanol, 2-propoxy-	3089 mg/kg Rat	1337 mg/kg Rabbit	> 2132 ppm Rat (6 h)
Polyurethane resin	No data available	No data available	No data available
Xylene	3523 mg/kg Rat	12126 mg/kg Rabbit	5000 ppm Rat (4 h)
Ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	4000 ppm Rat (4 h)
Cumene	2260 mg/kg Rat	No data available	No data available

SKIN CORROSION/IRRITATION: Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation.

RESPIRATORY OR SKIN SENSITISATION: No data available

GERM CELL MUTAGENICITY: No data available

CARCINOGENICITY

Chemical Name	IARC Status
Toluene	3
Propan-2-ol	3
Xylene	3
Ethylbenzene	2B
Cumene	2B

REPRODUCTIVE TOXICITY: Suspected of damaging fertility or the unborn child.

STOT-SINGLE EXPOSURE: May cause drowsiness or dizziness.

STOT-REPEATED EXPOSURE: May cause damage to organs through prolonged or repeated exposure.

ASPIRATION HAZARD: May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available

ECOTOXICOLOGICAL INFORMATION: No specific ecological data are available for this product. Refer to Section 6 for information regarding accidental release and Section 15 for regulatory reporting information.

BIOACCUMULATION/ACCUMULATION: No data available

DISTRIBUTION: No data available

CHEMICAL FATE INFORMATION: No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protections and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

EMPTY CONTAINER: Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SC-89 PAINT**PROPER SHIPPING NAME:** Resin solution**PRIMARY HAZARD CLASS/DIVISION:** 3**UN/NA NUMBER:** UN1866**PACKING GROUP:** II**NAERG:** 127**LABEL:** Flammable liquid**AIR (ICAO/IATA)****SHIPPING NAME:** Resin solution**UN/NA NUMBER:** UN1866**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** II**ERG:** 3L**LABEL:** Flammable liquid**VESSEL (IMO/IMDG)****SHIPPING NAME:** Resin solution**UN/NA NUMBER:** UN1866**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** II**LABEL:** Flammable liquid**SPECIAL PROVISIONS:** EmS: F-E, S-E**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute Health Hazard, Chronic Health Hazard, Fire Hazard**313 REPORTABLE INGREDIENTS:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
Toluene	10 - 30	108-88-3
Propan-2-ol	10 - 30	67-63-0
Xylene	10 - 30	1330-20-7
Ethylbenzene	1 - 5	100-41-4


CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**CERCLA REGULATORY:** This product contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Wt.%	CERCLA RQ
Toluene	10 - 30	1,000 lbs.
Xylene	10 - 30	100 lbs.
Ethylbenzene	1 - 5	1,000 lbs.
Cumene	0.1 - 1	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)**TSCA REGULATORY:** This product does not contain any substances subject to TSCA Section 12(b) export notification.**TSCA STATUS:** This product or its components are listed in or exempt from the TSCA inventory requirements.

SC-89 PAINT**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)**

29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: None of the chemicals in this product are considered highly hazardous by OSHA.

CALIFORNIA PROPOSITION 65:  **WARNING:** This product can expose you to chemicals including [see table below], which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Chemical Name	Wt. %	Listed
Toluene	10 - 30	Developmental Toxicity
Ethylbenzene	1 - 5	Cancer
Cumene	0.1 - 1	Cancer

OSHA HAZARD COMM. RULE: The contents of the SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

DOMESTIC SUBSTANCE LIST (INVENTORY): All components in this product are listed in or exempted from the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

GENERAL COMMENTS: No data available

16. OTHER INFORMATION

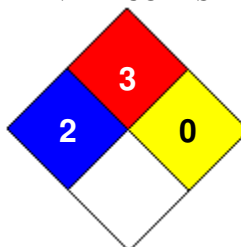
REASON FOR ISSUE: Revision

Date Revised: 07/18/2018

REVISION SUMMARY: This SDS replaces the 07/16/2015 SDS.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		X

NFPA CODES

HMIS RATINGS NOTES: Personal Protection: See Section 8

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