

## SAFETY DATA SHEET



Date Issued : 04/18/2008  
 SDS No : SC-89 THINNER  
 Date Revised : 07/18/2018  
 Revision No : 2

## SC-89 THINNER

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SC-89 THINNER

**GENERAL USE:** Paint thinner

**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:**

Acute Toxicity (Oral), Category 4  
 Eye Irritation, Category 2A  
 Target Organ Toxicity (Single exposure), Category 3

**Physical:**

Flammable Liquids, Category 2

**GHS LABEL**

Flame

Exclamation  
mark

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H225: Highly flammable liquid and vapour.  
 H302: Harmful if swallowed.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.

**PRECAUTIONARY STATEMENTS****Prevention:**

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.  
 P242: Use non-sparking tools.  
 P243: Take action to prevent static discharges.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P271: Use only outdoors or in a well-ventilated area.  
 P264: Wash thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**SC-89 THINNER****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.

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.

P330: Rinse mouth.

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.

**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
Isobutyl acetate	30 - 60	110-19-0
Methyl propyl ketone	10 - 30	107-87-9
Propan-2-ol	10 - 30	67-63-0
Methyl amyl ketone	7 - 13	110-43-0
Methyl isobutyl ketone	1 - 5	108-10-1

**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**

**GENERAL HAZARD:** Flammable liquid and vapor.

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

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide.

**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**

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**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.

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## SC-89 THINNER

## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Isobutyl acetate	OSHA PEL	TWA	150	700
		STEL	-	-
	ACGIH TLV	TWA	150	-
		STEL	-	-
	NIOSH REL	TWA	150	700
	Supplier OEL	STEL	-	-
Methyl propyl ketone	OSHA PEL	TWA	200	700
		STEL	-	-
	ACGIH TLV	TWA	150	530
		STEL	-	-
	NIOSH REL	TWA	150	530
	Supplier OEL	STEL	-	-
Propan-2-ol	OSHA PEL	TWA	400	980
		STEL	-	-
	ACGIH TLV	TWA	200	-
		STEL	400	-
	NIOSH REL	TWA	400	980
		STEL	500	1225
Methyl amyl ketone	OSHA PEL	TWA	100	465
		STEL	-	-
	ACGIH TLV	TWA	50	-
		STEL	-	-
	NIOSH REL	TWA	100	465
		STEL	-	-
Methyl isobutyl ketone	OSHA PEL	TWA	100	410
		STEL	-	-
	ACGIH TLV	TWA	20	-
		STEL	75	-
	NIOSH REL	TWA	50	205
		STEL	75	300

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

**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

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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:** Ketone

**COLOR:** Colorless

**pH:** No data available

**PERCENT VOLATILE:** 100

**FLASH POINT AND METHOD:** 7°C (44.6°F) Closed Cup

**VAPOR PRESSURE:** No data available

**VAPOR DENSITY:** Heavier than air

**BOILING POINT:** No data available

**SOLUBILITY IN WATER:** Partially soluble

**SPECIFIC GRAVITY:** 0.826 (water=1) at 25°C (77°F)

**VISCOSITY:** No data available

**(VOC):** 826 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:** May form peroxides of unknown stability.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide.

**INCOMPATIBLE MATERIALS:** Strong oxidizing, strong acids, strong bases, acid anhydrides, aluminum, and halogenated compounds.

**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Isobutyl acetate	13413 mg/kg Rat	> 17400 mg/kg Rabbit	No data available
Methyl propyl ketone	1600 mg/kg Rat	> 20 ml/kg Guinea Pig	25.5 mg/l Rat (4 h)
Propan-2-ol	5045 mg/kg Rat	12800 mg/kg Rabbit	37.5 mg/l Rat (4 h)
Methyl amyl ketone	1600 mg/kg Rat	> 2000 mg/kg Rat	> 16.7 mg/l Rat (4 h, vapour)
Methyl isobutyl ketone	2080 mg/kg Rat	> 10 ml/kg Rabbit	2000 to 4000 ppm Rat (4 h)

**SKIN CORROSION/IRRITATION:** No data available

**SERIOUS EYE DAMAGE/IRRITATION:** Causes serious eye irritation.

**RESPIRATORY OR SKIN SENSITISATION:** No data available

**SC-89 THINNER****GERM CELL MUTAGENICITY:** No data available**CARCINOGENICITY**

Chemical Name	IARC Status
Propan-2-ol	3
Methyl isobutyl ketone	2B

**REPRODUCTIVE TOXICITY:** No data available**STOT-SINGLE EXPOSURE:** May cause drowsiness or dizziness.**STOT-REPEATED EXPOSURE:** No data available**ASPIRATION HAZARD:** No data available**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)****PROPER SHIPPING NAME:** Flammable liquids, n.o.s.**TECHNICAL NAME:** (ester, ketone, alcohol blend)**PRIMARY HAZARD CLASS/DIVISION:** 3**UN/NA NUMBER:** UN1993**PACKING GROUP:** II**NAERG:** 128**LABEL:** Flammable liquid**AIR (ICAO/IATA)****SHIPPING NAME:** Flammable liquid, n.o.s.**TECHNICAL NAME:** (ester, ketone, alcohol blend)**UN/NA NUMBER:** UN1993**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** II**ERG:** 3H**LABEL:** Flammable liquid**VESSEL (IMO/IMDG)**

**SC-89 THINNER****SHIPPING NAME:** Flammable liquid, n.o.s.**TECHNICAL NAME:** (ester, ketone, alcohol blend)**UN/NA NUMBER:** UN1993**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
Propan-2-ol	10 - 30	67-63-0
Methyl isobutyl ketone	1 - 5	108-10-1

**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
Isobutyl acetate	30 - 60	5,000
Methyl isobutyl ketone	1 - 5	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.**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 is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical Name	Wt. %	Listed
Methyl isobutyl ketone	1 - 5	Cancer

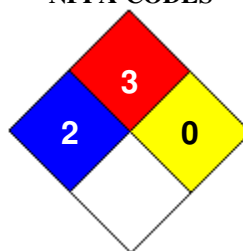
**OSHA HAZARD COMM. RULE:** The contents of the SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.**CANADA****WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information 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

**SC-89 THINNER**

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

**HMIS RATING**

<b>HEALTH</b>	*	<b>2</b>
<b>FLAMMABILITY</b>		<b>3</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>X</b>	

**NFPA CODES**

**HMIS RATINGS NOTES:** Personal Protection: See Section 8

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