

Distributed By:  
1st Ayd Corporation  
1325 Gateway Drive  
Elgin, IL 60124  
847-622-0001

Emergency Response Number:  
800-255-3924

SECTION I - PRODUCT

*Bus Garage*

PRODUCT NAME: LOW VOC BC

DATE OF PREPARATION: 03/23/09  
HMIS RATING: HEALTH 2  
FLAMMABILITY 3  
REACTIVITY 0

SECTION II - HAZARDOUS INGREDIENTS

PRODUCT NAME	CAS #	VAPOR PRESSURE (mm Hg)	TLV	UNITS
CHEMICAL NAME		PERCENT	PEL	UNITS
D-LIMONENE	5989-27-5	2.0	N.E.	
4-ISOPROPENYL-1-METHYLCYCLOHEXENE		<9%	N.E.	
HEPTANE	64742-49-0	44.6	400	PPM
ALIPHATIC HYDROCARBON		>9%	500	PPM
TOLUENE	108-88-3	26.0	100	PPM
TOLUENE		>9%	100	PPM
ACETONE	67-64-1	184.0	750	PPM
2-PROPANONE		>9%	1000	PPM
ISOPROPYL ALCOHOL	67-63-0	33.0	400	PPM
2-PROPANOL		>9%	400	PPM

SECTION III - PHYSICAL DATA

BOILING RANGE: 133 - 349 DEG F  
VAPOR DENSITY: HEAVIER THAN AIR  
EVAPORATION RATE: SLOWER THAN ETHER  
PERCENT VOLATILE BY VOLUME: 100%  
WEIGHT/GALLON: 6.50000 LBS/GAL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

HAZARD CLASSIFICATION OSHA: FLAMMABLE LIQUID-CLASS IB  
DOT: 3  
FLASH POINT (TCC): > 0 DEG F  
LOWER EXPLOSION LIMIT % BY VOLUME (IN AIR): > .7  
EXTINGUISHING MEDIA:

Carbon dioxide. Dry chemical. Alcohol-type foam. Water spray.  
Universal-type foam.

**SPECIAL FIREFIGHTING PROCEDURES:**

Use self-contained breathing apparatus. Wear full protective clothing.  
Use water spray to cool fire-exposed containers and structures.  
A solid stream of water directed into hot, burning liquid would cause  
frothing and scattering of burning material.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Vapors form from this product and may settle in low places, travel along the  
ground, or move by air currents to be ignited by pilot lights, other flames,  
smoking, sparks, heaters, electrical equipment, static discharges, or other  
ignition sources at locations distant from handling point.  
If storage containers are exposed to excessive heat, overpressurization may  
result.  
Product may accumulate a static electric charge under certain conditions.  
The charge can be large enough to cause a fire or explosion if discharged in  
a vapor-air mixture that is within flammable limits.

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SECTION V - HEALTH HAZARD DATA

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**EFFECTS OF OVEREXPOSURE**

**INGESTION:**

Nausea. Vomiting. Diarrhea. Drowsiness. Headache. Dizziness. Stupor.  
Cramps. Loss of consciousness. Harm.  
Pulmonary aspiration hazard if vomiting occurs.

**SKIN ABSORPTION:**

Possible systemic effects.

**INHALATION:**

Headache. Dizziness. Vomiting. Nausea. Drowsiness. Loss of coordination.  
Loss of appetite. Irritation. Loss of balance. Unconsciousness. Coma.  
Respiratory failure. Olfactory fatigue.

**SKIN CONTACT:**

Irritation. Defatting. Chapping. Cracking.

**EYE CONTACT:**

Severe irritation. Corneal injury.

**CHRONIC EFFECTS OF OVEREXPOSURE:**

None currently known.

**OTHER HEALTH HAZARDS:**

None currently known.

**PRIMARY ROUTE(S) OF ENTRY:**

Ingestion. Skin absorption. Inhalation. Eye contact.

**EMERGENCY AND FIRST AID PROCEDURES**

**INGESTION:**

Do not induce vomiting. Call a physician. Never give anything by mouth to an  
unconscious person.  
Do not give liquids.  
Small amounts which may accidentally enter the mouth should be rinsed out  
until no taste of this product remains.

**SKIN:**

Immediately wash skin with soap and plenty of water.  
Remove and wash contaminated clothing promptly.

**INHALATION:**

If inhaled, remove to fresh air. If not breathing, give artificial  
respiration, preferably mouth-to-mouth. If breathing is difficult, give  
oxygen. Call a physician.

**EYES:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

NOTES TO PHYSICIAN:

Aspirated material may cause severe lung damage and may present a significant hazard. Stomach contents should be evacuated quickly in a manner which avoids aspiration.

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION VI - REACTIVITY DATA

STABILITY:

Stable.

CONDITIONS TO AVOID:

Heat. Ignition sources. Fire.

INCOMPATIBILITY:

Strong acids. Strong oxidizing agents. Aldehydes. Halogens. Halogen compounds.

Forms combustible and explosive mixtures with air and/or oxygen.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide. Carbon dioxide. Asphyxiants.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

Alkali can cause condensation reactions to occur, but the reactions are not expected to be violent.

Heating in the presence of ozone or percompounds.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contact local authorities.

WASTE DISPOSAL:

Incineration in accordance with all federal, state, and local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

If vapors are present, use a MESA or NIOSH approved respirator for organic vapors, fresh air breathing apparatus, or a self contained breathing apparatus.

VENTILATION:

Keep this product in closed equipment.

Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air.

Use in well-ventilated areas.

PROTECTIVE GLOVES:

Consult the glove manufacturer for the most appropriate glove material.

EYE PROTECTION:

Chemical safety goggles. Face shield.

OTHER PROTECTIVE EQUIPMENT:

Eye bath and safety shower.

Wear protective clothing to prevent repeated or prolonged contact.

## SECTION IX - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

DANGER! Harmful, if absorbed through skin. Harmful if inhaled.  
 Extremely flammable. Avoid contact with eyes, skin, and clothing.  
 Avoid breathing vapor or mist. Use only with adequate ventilation.  
 Keep away from heat, sparks, and flame. Wash thoroughly after handling.  
 Keep container closed. Avoid prolonged or repeated contact with skin.  
 Store in tightly closed container. Store in cool, dry, ventilated area.  
 Equipment and containers should be bonded and grounded when transferring or  
 using material.  
 Empty containers should not be exposed to fire, sparks, or flame as residual  
 vapors may be explosive.

## FOR INDUSTRY USE ONLY.

Avoid splash loading, agitating, or pumping at high velocities. Allow ample  
 relaxation time after filtering.

## OTHER PRECAUTIONS:

Store materials wetted with this product (eg. rags, paper, insulation, clay,  
 etc.) in approved safety container designed for that purpose. Dispose of as  
 quickly as possible.

Contact lenses should not be worn.

## Section 313 Supplier Notification

This product contains the following toxic chemicals  
 subject to the reporting requirements of section 313 of  
 the Emergency Planning and Community Right-To-  
 Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
108-88-3	TOLUENE	13.3%

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