

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **COLOR BLENDER**
 PRODUCT CODE: **CB-3012**

HMIS CODES: H F R P
 2*3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURED FOR : ALSA CORPORATION
 2640 East 37th Street
 Vernon, CA 90058
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Infotrac Chemical Emergency Response: (800) 535-5053 / (352)323-3500

DATE REVIEWED : December 2, 2004

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE Mm Hg @ TEMP	WEIGHT PERCENT
n-BUTYL ACETATES ACGIH TLV TWA: 150 ppm ACGIH TLV STEL: 200 ppm OSHA VPEL TWA: 150 ppm OSHA VPEL STEL: 200 ppm	123-86-4	8.4 68 F	40.56
* XYLENES ACGIH TWA: 100 ppm ACGIH STEL: 150 ppm OSHA TWA: 100 ppm OSHA STEL: 150 ppm	1330-20-7	5.10 68 F	17.19
acrylic polyol/polymer/resin	*****		5%-15%
Cellulose acetate butyrate	9004-36-8	NONE N/A	0%-10%
ACETONE ACGIH TLV STEL: 750 ppm ACGIH TLV TWA: 500 ppm OSHA VPEL TWA: 750 ppm OSHA VPEL STEL: 1000 ppm	67-64-1	185 68 F	8.0
* n-BUTYL ALCOHOL OSHA VPEL: 50 ppm (SKIN) ACGIH TLV: 50 ppm (SKIN)	71-36-3	4.4 68 F	5.14
* ETHYL BENZENE OSHA PEL: 100 ppm TWA ACGIH TLV: 100 ppm TWA	100-41-4	5.1 68 F	3.5
* TOLUENE ACGIH TLV: 100 ppm STEL (SKIN) ACGIH TLV: 50 ppm TWA (SKIN) OSHA VPEL: 150 ppm STEL OSHA VPEL: 100 ppm TWA	108-86-3	22 68 F	2.47
Butyl benzyl phthalate	85-68-7	8.6E-6 68 F	.2
VM & P NAPHTHA ACGIH TLV: 375 ppm STEL ACGIH TLV: 200 ppm TWA OSHA PEL: 300 ppm TWA OSHA PEL: 400 ppm STEL	8032-32-4	5 68 F	.06
n-HEPTANE OSHA PEL: 400 ppm TWA OSHA PEL: 500 ppm STEL ACGIH TLV: 400 ppm TWA ACGIH TLV: 500 ppm STEL	142-82-5	76 68 F	.04

* Indicates toxic chemical (s) subject to the reporting of section 313 of Title III and of 40 CFR 372

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SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE: 133 F - 698 F
VAPOR DENSITY: Heavier than air
V.O.C. grams/liter: 695.89
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Clear liquid with organic solvent odor

SPECIFIC GRAVITY (H₂O=1): .92
EVAPORATION RATE: Slower than either
V.O.C. lbs./gal.: 5.81
SOLIDS BY VOLUME: 19.086

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -4.0 F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9
METHOD USED: TAGCC
UPPER: 15.0

EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical, Water Fog

SPECIAL FIREFIGHTING PROCEDURES

Full protective equipment, including self contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated above flashpoint, emits flammable vapor which, when mixed with air, can burn or become explosive. Fine mists or sprays may be flammable below the flash point.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID
Avoid all sources of ignition

INCOMPATIBILITY (MATERIALS TO AVOID)
Strong oxidizing materials

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
May produce hazardous fumes when heated to decomposition. Fumes may contain Carbon Monoxide and Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause nose and throat irritation. Repeated and prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high.

Individuals with breathing problems must not be exposed to this product. If affected by inhalation, remove to fresh air. If breathing difficulty persists, consult a physician.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause irritation or burning of the eyes. Repeated and prolonged skin contact may cause skin irritation or dermatitis. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of all ingredients available.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE- Dizziness, irritation of the respiratory tract, weakness, nausea, or possible narcosis or even asphyxiation may be accompanied by coughing or labored breathing.

CHRONIC- Reports have linked organic solvents with brain and nervous system damage. Misuse of this product by deliberately concentrating and inhaling the contents may be harmful or fatal.

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CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No
PROPOSITION 65 STATEMENT: WARNING! This product contains a chemical known to the state of California to cause birth defect or other reproductive harm.

OSHA REGULATED: Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Do not use this product if you have chronic lung or breathing problems.

EMERGENCY AND FIRST AID PROCEDURES

If ingestion or any type of overexposure or symptoms of overexposure occur during the use of this product, contact a poison control center, emergency room or physician immediately; have material safety data sheet available.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (spark, flames, and hot surface). Avoid breathing vapors. Ventilate area. Remove with an inert absorbent and non-sparking tool.

WASTE DISPOSAL METHOD

Dispose in accordance with state, federal and local regulations. Do not incinerate close containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers tightly closed in a cool, dry, well ventilated area away from all possible ignition sources. Store large quantities of material in buildings designed for the storage of flammable liquids.

OTHER PRECAUTIONS

Employees should be trained in safety measures that should be taken when using this product.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION

Avoid breathing vapors or spray mist. Wear a properly fitted respirator approved by NIOSH/MSHA (TC-23c) for use with paint during application and until all vapors are exhausted. In confined areas, or where continuous spray operations are typical, or proper respirator fit is not possible, wear a positive-pressure supplied air respirator (TC-19c). In all cases follow respirator manufacturers directions for respirator use. Do not allow anyone without protection into the painting area.

VENTILATION

Provide sufficient ventilation to keep contaminants below applicable OSHA requirement.

PROTECTIVE GLOVES

Neoprene gloves impervious to organic solvents are recommended.

EYE PROTECTION

Use safety eyewear designed to protect against liquid splash.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Impervious coveralls are recommended.

WORK / HYGIENIC PRACTICES

Eye wash and safety showers in the work place are recommended. Wash hands before eating and smoking.

SECTION IX – DISCLAIMER

The information contained in the material safety data sheet is information from our suppliers and other sources. It is believed to be reliable. This data is not to be taken as a warranty or representation for which this company assumes legal responsibility.