



GLOBAL ADHESIVES, LLC.
2800 SWEETWATERAVE
UNIT A105
LAKE HAVASUCITY,AZ. 86406
PHONE# 800-331-7724

Material Safety DataSheet

BSD-32 SOLVENT BASEDBLACKDAMPENER

PRODUCT NUMBER: BSD-32 DAMPENER HMIS RATING 2-3-0

Section I MANUFACTURER

GLOBAL ADHESIVES, LLC.
 8157 N. MONTICELLO AVENUE Emergency phone: 800-331-7724
 SKOKIE, ILLINOIS 60076 Information phone: 928-855-4945
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Section II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	%	SARA 313 LIST RQ	CAS NUMBER	OSHA PEL	ACGIH TLV	OSHA ACGIH STEL	LD50 SKIN RABBIT	LD50 ORAL RAT	LC50 VAPOR RAT
POLYVINYL CHLORIDE /POLYVINYL ACETATE COPOLYMER RESIN	22-27	-	9003-22-9						
TOLUENE	20-26	yes	108-88-3	100 PPM	100 PPM		14,000 mg/KG	5.0g/kg	
METHYL ETHYL KETONE	15-21	-	78-93-3	200 ppm	200 ppm		8.0 g/kg	4.8g/kg	8,000 ppm/8hr
DIOCTYL PHTHALATE	27-33	yes	117-81-7	5.0 mg/m3	5.0 mg/m3	10 ml/m3	33.9g/kg	30.6g/kg	
n-BUTYL ACETATE	1-5	-	123-86-4	150 ppm	150 ppm				

Section III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT initial (F) 172	SPECIFIC GRAVITY 0.992
VAPOR PRESSURE (mm Hg) 57	% VOLATILE (Volume) 52
VAPOR DENSITY (Air=1) 2-4.5	EVAPORATION RATE 2-4.5
SOLUBILITY IN WATER Negligible	VOC (calculated) gms/liter 420
APPEARANCE & ODOR Clear Liquid	

Section IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD) 30F. T.C.C. FLAMMABLE LIMITS LEL 1.2 UEL 7.0
 EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Alcohol Foam
 SPECIAL FIRE FIGHTING Self-contained breathing apparatus with a full-face piece operated in a pressure demand or other
 PROCEDURES: pressure mode.
 USUAL FIRE AND Material is highly volatile and readily gives off vapors, which may travel and cause flash fires or be
 EXPLOSION HAZARDS: ignited by any flame source.

Section V REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID:
	STABLE X	

INCOMPATIBILITY (Materials to avoid): Strong acids or bases, oxidizing agents and amines
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Combustion may yield carbon monoxide and/or carbon dioxide.
 HAZARDOUS POLYMERIZATION WILL NOT OCCUR

Section VI PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources, stop spill at source, and contain by dike, transfer material into suitable container. Absorb remainder with clay, vermiculite or other absorbent material and dispose of properly.

WASTE DISPOSAL METHOD: Liquid incineration, or may be disposed in a Hazardous Material landfill in accordance with all state, local and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed. Use only with adequate ventilation. Keep away from heat sources, spark or open flame sources.

OTHER PRECAUTIONS: Empty containers can be hazardous due to residue. Dispose of properly.

Section VII CONTROL MEASURES

RESPIRATORY PROTECTION: Yes, if TLV levels are exceeded NIOSH/MESA approved.

VENTILATION: Provide sufficient mechanical and/or local exhaust ventilation to maintain exposure level below TLVs.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Chemical splash goggles

OTHER PROTECTIVE EQUIPMENT: Impervious clothing and face shield if necessary.

WORK/HYGIENIC PRACTICES: Clean spills immediately. Wash clothing if contaminated before re-wearing. Practice good industrial hygiene.

Section VIII EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: For direct contact, flush eyes with water for at least 15 minutes and seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Thoroughly cleanse by washing area with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: Remove victim to fresh air. If breathing has stopped, artificial respiration should be administered. If breathing difficulties persist qualified personnel should administer oxygen. Seek medical attention immediately.

INGESTION: Do not induce vomiting. Keep person warm and quiet. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

Section IX HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY: Inhalation, Skin contact.

EFFECTS OF ACUTE OVER EXPOSURE :

EYES: Can cause severe irritation, redness, tearing, blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, or dermatitis.

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects include dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even death.

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting.

EFFECTS OF CHRONIC OVEREXPOSURE:

Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

TOLUENE: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Persons with pre-existing hearty disorders may be susceptible to irregular heartbeats (arrhythmias) if exposed to high concentrations of this material. Results of tests in workers exposed to high concentrations have shown that a component of this material can cause irreversible changes in the genetic material (DNA) of a cell. The human health consequences of these changes are not fully understood. Intentional misuse by deliberate inhalation of toluene has been shown to cause liver, kidney and brain damage.

METHYL ETHYL KETONE: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.

DIOCTYL PHTHALATE: This substance is a possible human carcinogen based on tests with laboratory animals. IARC and NTP have identified it as a possible carcinogen. Dioctyl Phthalate has caused damage to the male reproductive system in long term ingestion studies in laboratory animals. Dioctyl Phthalate may cause birth defects based on tests in laboratory animals.

NOTE: Judgment of potential hazards of this mixture is based on information available about individual components listed in section II. Direct testing of mixture has not been done. Information given herein is believed to be accurate and is given in good faith; however, no warranty either expressed or implied is made. It is strongly suggested that users confirm in advance of need that the information is current and applicable to their situation.