

BP1962

Material Safety Data Sheet

SECTION 1. PRODUCT INFORMATION

MANUFACTURER:

BondPro Corporation
650 Brakke Drive
Hudson, WI 54016

Information Phone: 715-386-6206

Emergency Phone: 800-424-9300

PRODUCT TYPE:

BP 1962 High-Performance Adhesive

TRADE NAME:

BP1962

SECTION 2. HAZARDOUS INGREDIENTS

INGREDIENTS	C.A.S NO.	PERCENT
ACETONE	67-64-1	20.0 - 30.0
METHYL ISOBUTYL KETONE	108-10-1	20.0 - 30.0
METHYL ETHYL KETONE	78-93-3	10.0 - 20.0
ETHYL ALCOHOL	64-17-5	5.0 - 10.0
ACRYLONITRILE-BUTADIENE POLYMER	9003-18-3	25.0 - 35.0
PHENOL-FORMALDEHYDE POLYMER	25085-50-1	8.0 - 17.0
GLYCEROL ESTERS OF ROSIN ACIDS	8050-31-5	5.0 - 10.0
SALICYLIC ACID	69-72-7	1.0 - 3.0
ZINC OXIDE	1314-13-2	< 1.0

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS
SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF
THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND
40 CFR PART 372:

METHYL ISOBUTAL KETONE, METHYL ETHYL KETONE, ZINC OXIDE

SECTION 3. PHYSICAL DATA

BOILING POINT:	156 F (acetone)
VAPOR PRESSURE:	97mmHg @68F
VAPOR DENSITY:	2 Air = 1
EVAPORATION RATE:	4.3 Ether = 1
SOLUBILITY IN WATER:	slight/neglig.
SP. GRAVITY:	.88 Water = 1
PERCENT VOLATILE:	ca. 74% by wt
PH:	N/D
VISCOSITY:	14000-28000 CPS Brkfld
MELTING POINT:	N/D

BP1962

Material Safety Data Sheet

SECTION 3. PHYSICAL DATA
(CONTINUED)

APPEARANCE AND ODOR: viscous LIQUID, brown, ketone sweet odor

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 34 F T.C.C.

Acetone

FLAMMABLE LIMITS - LEL: 1.84 % by vol

FLAMMABLE LIMITS - UEL: 16 % by vol

AUTOIGNITION TEMPERATURE: N/D

EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode.

Extremely Flammable.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 3 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

SECTION 5. REACTIVITY DATA

STABILITY: stable

INCOMPATIBILITY - MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Hydrogen Cyanide, Aldehydes, Ketones, Hydrocarbons Formaldehyde, Toxic Vapors, Gases or Particulates.

SECTION 6. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Ventilate area.

Extinguish all ignition sources. Contain spill. Cover with absorbent material. Collect using non-sparking tools. Place in a U.S. DOT-approved container.

BP1962

Material Safety Data Sheet

SECTION 6. ENVIRONMENTAL INFORMATION
(CONTINUED)

RECOMMENDED DISPOSAL:

Incinerate large quantities in a permitted hazardous waste incinerator.

ENVIRONMENTAL DATA:

Not determined

REGULATORY INFORMATION:

Volatile Organic Compounds: 667.00 gms/liter South Coast Air Quality Mgmt Dist Method Calculated per Rule 443.1.
VOC Less H2O & Exempt Solvents: 461 gms/liter South Coast Air Quality Mgmt Dist Method Calculated per Rule 443.1.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EOCRA HAZARD CLASS: UN 1133

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes

CHRONIC: Yes

SECTION 7. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

SECTION 8. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields.

BP1962

Material Safety Data Sheet

SECTION 8. PRECAUTIONARY INFORMATION (CONTINUED)

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (Teflon).

VENTILATION PROTECTION:

Use in a well-ventilated area. If exhaust ventilation is not adequate, use appropriate respiratory protection. Provide ventilation adequate to control vapor concentrations below recommended exposure limits and/or control spray or mist.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. Select one of the following NIOSH approved respirators based on airborne concentrations of contaminants and in accordance with OSHA regulations: half/mask organic vapor respirator, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed area thoroughly with soap and water.

RECOMMENDED STORAGE:

Store in a cool place. Store away from acids. Store away from heat. Store out of direct sunlight. Keep container dry. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Flammable liquid and vapor. Keep away from heat, sparks, open flame, and other sources of ignition. No smoking while handling this material. Vapors may ignite explosively. Explosive when mixed with oxidizing substance. Do not heat under confinement.

INGREDIENTS	VALUE	UNIT	TYPE	AUTH	SKIN*
METHYL ISOBUTYL KETONE	50	PPM	TWA	OSHA	
METHYL ETHYL KETONE	200	PPM	TWA	OSHA	
PHENOL-FORMALDEHYDE POLYMER	NONE	NONE	NONE	NONE	
GLYCEROL ESTERS OF ROSIN ACIDS	NONE	NONE	NONE	NONE	
SALICYLIC ACID	NONE	NONE	NONE	NONE	
ZINC OXIDE	10	mg/m3	TWA	OSHA	
	as dust				
ZINC OXIDE	5	mg/m3	TWA	OSHA	
	as FUME				

BP1962

Material Safety Data Sheet

SECTION 8. PRECAUTIONARY INFORMATION
(CONTINUED)

*SKIN NOTATION: Listed substances indicated with "Y" under skin refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienist
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

SECTION 9. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, in coordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, in coordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

BP1962

Material Safety Data Sheet

SECTION 9. HEALTH HAZARD DATA (CONTINUED)
--

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

SECTION 10. OTHER INFORMATION

WARRANTY:

Purchaser has the responsibility for determining any applicability of, and compliance with, federal, state, and local laws concerning labeling, use and waste disposal, particularly in making consumer items. BondPro Corporation makes no warranty, expressed or implied for the merchantability of fitness of use for any particular application. The sole liability of BondPro Corporation for any claims arising out of the manufacturers, use, or sale of its products shall be the buyer's purchase price.

DISCLAIMER:

The information contained herein is believed to be accurate, but is not warranted. Nothing contained herein constitutes a specification nor is it intended to warrant suitability for the intended use.