

SAFETY DATA SHEET



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Page: 1

1. CHEMICAL PRODUCT & MANUFACTURER:

BONDLINE ADHESIVES, INC.
500 N. WOODS AVENUE
EVANSVILLE, IN 47712
812-423-4651 FAX 812-422-2662

PRODUCT: LIONGUARD LG-PS80 Pitch Pan Sealant
GHS PRODUCT ID: LIONGUARD LG-PS80 Pitch Pan Sealant
Recommended for use as: Pitch Pocket Sealer
Restrictions on use:

PRODUCT NAME: LIONGUARD LG-80 Pitch Pan Sealant
CHEMICAL FAMILY: HYDROCARBON

MANUFACTURER/DISTRIBUTOR:
SAME AS ABOVE

TELEPHONE:
SAME AS ABOVE

24 HOUR EMERGENCY CONTACT NUMBER: PERS 1-800-728-2482 PERS ID#3624

2. HAZARDS IDENTIFICATION:

GHS Rating (1=Most Severe 4=Least Severe): HEALTH 3 FLAMMABILITY 0 REACTIVITY 0



WARNING

Hazard Statement(s):

Maybe harmful if swallowed. (H303)
Maybe be harmful if inhaled. (H333)
May cause allergic reaction with skin. (H317)
Suspected of causing cancer. (H351)

Precautionary Statement(s):

Obtain special instruction before use (P201)
Do not handle until all safety precautions have been read and understood (P202)
IF SWALLOWED: Get medical advice/attention. (P301 + P313)
IF SKIN IRRITATION OR RASH OCCURS: Get medical advice/attention (P332 + P313)
IF ON SKIN: Wash with plenty of soap and water (P302 + P352)
IF exposed or concerned: Get medical advice/attention (P308 + P313)
Wear protective gloves/protective clothing. Manufacturer/supplier or the competent authority to specify type of equipment (P280)
Use personal protective equipment as required (P281)
Dispose of contents/container to approved disposal facility. (P501)
Avoid breathing dust/fume/gas/mist/vapors/spray (P261)
WASH HANDS THOROUGHLY AFTER HANDLING. (P264)
Contaminated clothing should not be allowed out of the workplace (P272)
Take off contaminated clothing and wash before reuse. (P362)

3. COMPOSITION & PRODUCT INFORMATION ON HAZARDOUS INGREDIENTS:

POLYNUCLEAR AROMATIC OIL 25 WT% CAS# Mixture ACGIH TLV-8 HR/TWA .02 mg/m3

4. FIRST AID MEASURES:

INHALATION: CATALYZED PRODUCT MAY CAUSE PULMONARY SENSITIZATION. CALL A PHYSICIAN AT ONCE. NOT A SIGNIFICANT INHALATION HAZARD UNLESS VAPORIZED.

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES.

SKIN CONTACT: WASH WITH HAND CLEANER; FOLLOW WITH SOAP AND WATER. CONTAINS A AROMATIC OIL WHICH LISTED AS A SUSPECTED CARCINOGEN BY THE IARC.

PERSONAL PROTECTION: ACGIH STEL: .02 mg/m³

RESPIRATORY PROTECTION: VENTILATE TO KEEP VAPORS BELOW THRESHHOLD LIMIT VALUES. NIOSH APPROVED RESPIRATORS FOR AREAS OF CONCENTRATED VAPORS.

EYES: SPLASH GOGGLES FOR LIQUID PRODUCTS

GLOVES: IMPERVIOUS

INGESTION: GIVE LIQUIDS AND INDUCE VOMITING IF CONSCIOUS. CALL PHYSICIAN AT ONCE.

NOTE TO PHYSICIAN: Contains Dow PAPI 27 isocyanate which may cause dermal or pulmonary sensitization in certain Individuals.

PRIMARY ROUTES OF ENTRY: INHALATION, SKIN

5. FIRE FIGHTING MEASURES:

FLASHPOINT, TAG CLOSED CUP: >300 F

GENERAL HAZARD: COMBUSTIBLE LIQUID AND VAPOR. MAY CAUSE FIRE.

FIRE FIGHTING INSTRUCTIONS: WATER SPRAY

FIRE FIGHTING EQUIPMENT: NFPA CLASS B EXTINGUISHERS (CO₂, FOAM, DRY CHEMICAL) AND SELF-CONTAINED BREATHING APPARATUS

COMBUSTION PRODUCTS: SMOKE, NORMAL COMBUSTION PRODUCTS.

6. ACCIDENTAL RELEASE MEASURES:

LAND SPILL: ADD ABSORBENT TO SPILL AREA. RECOVER FREE PRODUCT AND DISPOSE OF PROPERLY. PREVENT PRODUCT FROM ENTERING SEWER AND/OR WATERWAYS.

WATER SPILL: USE ABSORBENT BOOMS TO DIKE AREA AND MINIMIZE AREA OF CONTAMINATION.

7. STORAGE AND HANDLING:

STORAGE TEMPERATURE: AMBIENT

STORAGE PRESSURE: ATMOSPHERIC

GENERAL: . **FOR INDUSTRIAL USE ONLY. KEEP OUT OF THE REACH OF CHILDREN. READ PRODUCT LABEL AND OBSERVE ALL PRECAUTIONS BEFORE USE.**

8. EXPOSURE CONTROL/PERSONAL PROTECTION :

ENGINEERING CONTROLS: LOCAL EXHAUST: PREFERABLE
MECHANICAL EXHAUST: ACCEPTABLE-USE ONLY
CLASS I GROUP D APPROVED DEVICES.

9. PHYSICAL AND CHEMICAL PROPERTIES:

SPECIFIC GRAVITY: 1.271	FLASH POINT: TAG CLOSED CUP: >300F
DENSITY: (IN LBS): 10.6	VAPOR PRESSURE AT 20C (MM OF HG): N/A
VAPOR DENSITY: N/A	(VOC) CONTENT: N/A g/liter
EVAPORATION RATE (nBuAc=1): N/A	APPEARANCE: BLACK LIQUID
SOLUBILITY IN WATER: NIL	ODOR: CHARACTERISTIC HYDROCARBON SOLVENT
BOILING RANGE (F): N/A	ODOR THRESHOLD: NO DATA
PHYSICAL STATE: LIQUID	PH: NOT APPLICABLE
% VOLATILE BY VOLUME: N/A	MELTING POINT/FREEZING POINT: N/A
AUTOIGNITION TEMPERATURE: >400f	PARTITION COEFFICIENT: n-octanol/water= NO DATA
DECOMPOSITION TEMPERATURE: NOT AVAILABLE	
EXPLOSIVE/FLAMMABLE LIMITS: (LEL): .6% (UEL): 7%	

10. STABILITY AND REACTIVITY:

GENERAL: THIS PRODUCT IS STABLE AND HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: AVOID STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

11. TOXICOLOGICAL INFORMATION:

IDENTIFIED AS A CARCINOGEN BY IARC

HEALTH EFFECTS:

LIKELY ROUTES OF EXPOSURE: skin adsorption, inhalation

DELAYED AND IMMEDIATE CHRONIC EFFETS FROM SHORT AND LONG-TERM EXPOSURE:

Skin: dry skin, dermatitis, de-fatting of the skin with chapping and cracking. Skin absorption is unlikely but catalyzed Product may cause pulmonary sensitization in certain individuals. SEE Dow PAPI 27 MSDS.

Inhalation: Not a significant inhalation hazard unless vaporized. Avoid inhalation of vaporized product. Catalyzed Product may cause pulmonary sensitization in certain individuals. See Dow PAPI 27 MSDS.

NUMERICAL MEASURES (ACUTE TOXICITY ESTIMATE): N/A

12. ECOLOGICAL INFORMATION:

AQUATIC AND/OR TERRESTRIAL EXOTOXICITY: UNKNOWN

PERSISTENCE AND DEGRADABILITY: UNKNOWN

BIOACCUMULATIVE POTENTIAL: UNKNOWN

13. DISPOSAL CONSIDERATIONS:

THIS MATERIAL IS CONSIDERED A HAZARDOUS WASTE FOR DISPOSAL PURPOSES. SEE 40 CFR PART 261.7 FOR FURTHER INFORMATION CONCERNING THE DISPOSITION OF EMPTY CONTAINERS. HAZARDOUS WASTES MAY NOT BE LANDFILLED! REFER TO 40 CFR PART 261 SUBPART C FOR DEFINITIONS OF HAZARDOUS WASTE.

14. TRANSPORTATION INFORMATION:U.S. Department of Transportation (DOT)

Shipping Description: ADHESIVE
Non-Bulk Package marking: N/A
Non-bulk package labeling: N/A
Packaging references:
Exceptions:
Hazardous Substance: NO
Emergency Response Guide: N/A

International Maritime Dangerous Goods (IMDG)

Shipping Description:
Non-bulk Package marking:
Labels:
Packaging-Non-Bulk:
Exceptions:
Marine pollutant:

International Civil Aviation Org./ International Air Transport Assoc. (ICAO/IATA)

UN/ID #:
Proper Shipping Name:
Hazard Class/Division:
Subsidiary risk:
Packing Group:
Non-Bulk Package marking:
Labels:
Exceptions:
ERG Code:

15. REGULATORY INFORMATION:

OSHA STATUS: HAZARDOUS

CERCLA REPORTABLE QUANTITY: NONE

SARA TITLE III:

SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE

SECTION 311/312: 311-YES 312-YES

SECTION 313: Contains 0 % which is a reportable Section 313 chemical

RCRA STATUS: IF DISCARDED IN ITS PURCHASED FORM, THIS PRODUCT IS A RCRA HAZARDOUS WASTE. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR RESIDUE OF THE PRODUCT REMAINS CLASSIFIED A HAZARDOUS WASTE AS PER 40 CFR 261, SUBPART C. STATE OR LOCAL REGULATIONS MAY ALSO APPLY IF THEY DIFFER FROM THE FEDERAL REGULATION.

TSCA Status: All materials contained in this product are TSCA listed.

Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substances List

European Union Status: All materials contained in this product are listed on EINECS

16. OTHER INFORMATION:

APPROVAL DATE: 01-05-2015

SUPERSEDES DATE:

REASON FOR REVISION: NEW SDS FORMAT

MSDS FORMAT:

THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. INFORMATION IS BASED UPON SUPPLIER-ISSUED SAFETY DATA SHEETS AND MAY BE SUBJECT TO ERROR. IF APPRISED OF CHANGES, UPDATED SDS WILL BE PROMPTLY ISSUED. USERS MUST MAKE THEIR DETERMINATION REGARDING THE SUITABILITY OF THE PRODUCT FOR THEIR OWN PURPOSES PRIOR TO USE.

READ PRODUCT LABEL CAREFULLY BEFORE USE AND FOLLOW ALL PRECAUTIONS.

END OF SDS