



# LEXMAT MATERIAL SAFETY DATA SHEET

DATE PREPARED: 08/01/13

(5 Pages)

## SECTION 1 - MATERIAL IDENTIFICATION



PRODUCT NAME

**ROOF IN A BOX SPLICE ADHESIVE**



### SUPPLIER NAME AND ADDRESS

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Tel: 905.792.8800 Fax: 905.792.8801*

### EMERGENCY TELEPHONE NUMBER:

CANTEC: 613.996.6666

CHEMICAL FAMILY: HYDROCARBON

## SECTION 2 - HAZARDOUS INGREDIENTS

Component	C.A.S. No	Weight %	TLV-8 HR/TWA
TOLUENE(SECTION 313 REPORTABLE)	108-88-3	56.9	100 PPM
HEXANE (SECTION 313 REPORTABLE)	110-54-003	15.8	50 PPM
XYLENE (SECTION 313 REPORTABLE)	1330-20-7	6.3	100 PPM
DIPHENYLMETHANE DIISOCYANATE	026447-40-5	0.9	
POLYMETHYLENE POLYPHENOL ISOCYANATE	009016-87-9	0.9	

## SECTION 3 - HAZARDS IDENTIFICATION

HMS CODE: HEALTH 4 FLAMMABILITY 3 REACTIVITY 0

NFPA CODE: HEALTH 3 FLAMMABILITY 3 REACTIVITY 0

### POTENTIAL HEALTH EFFECTS

EYE CONTACT: MAY BURN AND IRRITATE EYES AND MUCUS MEMBRANES.

SKIN CONTACT: MAY CAUSE DERMATITIS AND DEFATTING OF THE SKIN. PROLONGED CONTACT WITH ISOCYANATE CAN CAUSE REDDENING, SWELLING, RASH, SCALING OR BLISTERING.

SKIN ABSORPTION: DERMATITIS AND DEFATTING OF THE SKIN. SKIN ABSORPTION IS UNLIKELY DUE TO THE VOLATILITY OF THE PRODUCT IF USED AS ADVISED. ISOCYANATE CAN BE A DERMAL SENSITIZER.

INGESTION: HARMFUL OR FATAL IF SWALLOWED.

INHALATION: MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. INEBRIATION, FOLLOWED BY HEADACHE AND NAUSEA. IN SEVERE CASES DIZZINESS, CONVULSIONS AND UNCONSCIOUSNESS. ANOREXIA AND NERVOUSNESS MAY PERSIST FOR SEVERAL MONTHS FOLLOWING ACUTE OVEREXPOSURE.

CARCINOGEN: NO

TARGET ORGANS: KIDNEY, LIVER

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#### **SECTION 4 - FIRST AID MEASURES**

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INHALATION: REMOVE TO FRESH AIR IF OVERCOME. IF BREATHING HAS STOPPED BEGIN CPR. CALL A PHYSICIAN AT ONCE. CONTAINS ISOCYANATE WHICH IS A PLUMONARY SENSITIZER.

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES.

SKIN CONTACT WASH WITH HAND CLEANER; FOLLOW WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN AT ONCE.

NOTE TO PHYSICIAN: CONTAINS PETROLEUM DISTILLATES. CONTAINS ISOCYANATE WHICH MAY CAUSE PULMONARY SENSITIZATION IN SOME INDIVIDUALS AT LEVELS LOWER THAN THE PEL. SENSITIZED INDIVIDUALS SHOULD AVOID EXPOSURE TO ANY ISOCYANATE.

PRIMARY ROUTES OF ENTRY: INHALATION, SKIN

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#### **SECTION 5 - FIRE FIGHTING MEASURES**

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FLASHPOINT, TAG CLOSED CUP: -20F

GENERAL HAZARD: EXTREMELY FLAMMABLE. MAY FORM COMBUSTIBLE OR EXPLOSIVE MIXTURES WITH AIR. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCES TO IGNITION SOURCES AND FLASH BACK.

FIRE FIGHTING INSTRUCTIONS: WATER SPRAY MAY BE INEFFECTIVE BUT MAY BE USED TO COOL CLOSED CONTAINERS. IF WATER IS USED, USE FOG NOZZLES.

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

COMBUSTION PRODUCTS: SMOKE, NORMAL COMBUSTION PRODUCTS.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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LAND SPILL: REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE MATERIAL WITH ABSORBENTS AND/OR NON-SPARKING TOOLS.

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

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## SECTION 7 - STORAGE AND HANDLING

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STORAGE TEMPERATURE: AMBIENT  
STORAGE PRESSURE: ATMOSPHERIC

GENERAL: KEEP MATERIAL AWAY FROM HEAT, SPARK AND OPEN FLAME. DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. USE WITH ADEQUATE VENTILATION. DO NOT STORE ABOVE 120F. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUIDS. DO NOT CUT, BRAZE OR WELD. FOR INDUSTRIAL USE ONLY. KEEP OUT OF THE REACH OF CHILDREN. READ PRODUCT LABEL AND OBSERVE ALL PRECAUTIONS BEFORE USE. ISOCYANATE REACTS WITH WATER TO FORM CARBON DIOXIDE GAS WHICH MAY RUPTURE SEALED CONTAINERS.

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## SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

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

PERSONAL PROTECTION: OSHA PEL: 50 PPM  
RESPIRATORY PROTECTION: VENTILATE TO KEEP VAPORS BELOW TLV. NIOSH APPROVED RESPIRATORS FOR AREAS OF CONCENTRATED VAPORS.  
EYES: SPLASH GOGGLES FOR LIQUID PRODUCTS  
GLOVES: MUST BE IMPERVIOUS TO SOLVENTS

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## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

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SPECIFIC GRAVITY: .849  
DENSITY:(IN LBS): 7.08  
VAPOR DENSITY: 3.0  
EVAPORATION RATE (nBuAc=1): 8.1  
SOLUBILITY IN WATER: NEGLIGIBLE BUT WATER WILL LIBERATE CO<sub>2</sub>; BUILD PRESSURE  
BOILING RANGE (F): 150/232  
PHYSICAL STATE: LIQUID  
% VOLATILE BY VOLUME: 81.32  
EXPLOSIVE/FLAMMABLE LIMITS: (LEL): 1 (UEL): 8  
FLASHPOINT: TAG CLOSED CUP: -20 F  
VAPOR PRESSURE AT 20C (MM OF HG): 140

VOLATILE ORGANIC COMPOUNDS (VOC) CONTENT: 670.2 g/liter  
APPEARANCE AND ODOR: BLACK SYRUP WITH MILD SOLVENT ODOR.

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### **SECTION 10 - STABILITY & REACTIVITY**

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GENERAL: THIS PRODUCT IS STABLE AND HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: AVOID STRONG OXIDIZING AGENTS.  
AVOID ALL SOURCES OF IGNITION. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A  
CONSIDERABLE DISTANCE TO AN IGNITION SOURCE AND FLASHBACK.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

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### **SECTION 11 - TOXICOLOGICAL INFORMATION**

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NOT IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA

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### **SECTION 12 - ECOLOGICAL INFORMATION**

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NONE KNOWN

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### **SECTION 13 - DISPOSAL CONSIDERATIONS**

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

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### **SECTION 14 - TRANSPORTATION INFORMATION**

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DOT SHIPPING NAME: ADHESIVE  
DOT HAZARD CLASS: 3  
UN ID NUMBER: UN1133  
APPLICABLE PACKING GROUP NUMBER: II

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### **SECTION 15 - REGULATORY INFORMATION**

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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: YES

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.

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*The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier issued material safety data sheets and may be subject to error. If apprised of changes, updated MSDS will be promptly issued. Users must make their own determination regarding the suitability of the product for their own purposes prior to use.*

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