

**SAFETY DATA****1. CHEMICAL PRODUCT & MANUFACTURER:**

SealCorpUSA, Inc.  
1175 E Diamond Ave  
Evansville, IN 47711  
812-868-0790 FAX 812-868-0789

PRODUCT: LionGUARD LG-SA20 Splice Adhesive  
GHS PRODUCT ID: LionGUARD LG-SA20 Splice Adhesive  
**Recommended for use as: Roofing Primer**  
Restrictions on use:

PRODUCT NAME: LionGUARD LG-SA20 Splice Adhesive  
CHEMICAL FAMILY: HYDROCARBON

MANUFACTURER/DISTRIBUTOR: SAME AS ABOVE  
TELEPHONE: SAME AS ABOVE

24 HOUR EMERGENCY CONTACT NUMBER: PERS 1-800-728-2482 PERS ID# 10267

**2. HAZARDS IDENTIFICATION:**

**Physical hazards**  
**Health hazards**

Flammable liquids  
Skin corrosion/irritation  
Serious eye damage/eye irritation  
Reproductive toxicity  
Specific target organ toxicity, single exposure  
Specific target organ toxicity, single exposure  
Specific target organ toxicity, repeated exposure  
Aspiration hazard  
Not classified  
Not classified

Category 2  
Category 2  
Category 2A  
Category 2  
Category 3 respiratory irritation  
Category 3 narcotic effects  
Category 2  
Category 1

**Environmental hazards**  
**OSHA defined hazards**  
**Label elements**



Signal word

**DANGER**

**Hazard statement**

Highly flammable liquid and vapor. (H225)  
Causes skin irritation. (H315)  
May be fatal if swallowed and enters airways. (H304)  
May cause respiratory irritation. (H335)  
May cause drowsiness or dizziness. (H336)  
Causes serious eye irritation. (H319)  
May cause damage to organs through prolonged or repeated exposure. (H373)  
Suspected of damaging fertility or the unborn child (H361)

**Precautionary Statement****Prevention**

Do not get in eyes, on skin, or on clothing	(P262)
Avoid breathing vapor or mist	(P261)
Do not handle until all safety precautions have been read and understood	(P202)
Keep away from heat/sparks/open flames/hot surfaces– No smoking	(P210)
Keep container tightly closed	(P233)
Ground/bond container and receiving equipment	(P240)
Use explosion-proof electrical/ventilating/lighting equipment	(P241)
Use only non-sparking tools	(P242)
Take Precautionary measures against static discharge	(P243)
Wash thoroughly after handling	(P264)
Do not eat, drink or smoke when using this product	(P270)
Use only outdoors or in a well-ventilated area	(P271)
Wear protective gloves/protective clothing/eye protection/face protection	(P280)

**Response**

IF SWALLOWED: Immediately call a poison center/doctor. (P301 + P310)

Do NOT induce vomiting. (P331)

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304 + P340)

If on skin (or hair): Remove/Take-off immediately all contaminated clothing. Rinse skin with water/shower. (P303+ P361+P353)

If skin irritation occurs: Get medical advice/attention (P332 + P 313)

If exposed or concerned: Get medical advice/attention (P308 + P313)

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305 + P351 + P338)

If eye irritation persists: Get medical advice/attention (P337 + P313)

In case of fire: Use NFPA Class B extinguishers. If water is used, use fog nozzles. (P370 + P378)

**Storage**

Keep cool (P235)

Store in well-ventilated place. Keep container tightly closed. (P403 + P233)

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations. (P501)

**3. COMPOSITION & PRODUCT INFORMATION ON HAZARDOUS INGREDIENTS:**

Chemical Name	Common name, Synonyms	CAS#	% by weight
Toluene		108-88-3	56.9
n-Hexane		110-54-3	< 11.06
Hexane (mixed isomers)		mixture	< 4.74
Methylcyclopentane		96-37-7	< 4.74
Xylene		1330-20-7	6.3

**4. FIRST AID MEASURES:**

**INHALATION:** REMOVE TO FRESH AIR IF OVERCOME. IF BREATHING HAS STOPPED BEGIN CPR. CALL A PHYSICIAN AT ONCE.

**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.

**PRIMARY ROUTES OF ENTRY:** INHALATION, SKIN

**5. FIRE FIGHTING MEASURES:**

FLASHPOINT, TAG CLOSED CUP: -18.4 F (-28.0 C)

**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.

**COMUSTION PRODUCTS:** SMOKE, NORMAL COMBUSTION PRODUCTS.

**6. ACCIDENTAL RELEASE MEASURES:**

**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.

**7. STORAGE AND HANDLING:**

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.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION:****Occupational Exposure Limits**

Toluene (CAS 108-88-3)	ACGIH TWA	10 ppm
Toluene (CAS 108-88-3)	NIOSH STEL	150 ppm 560 mg/m <sup>3</sup>
	TWA	100 ppm 375 mg/m <sup>3</sup>
n-Hexane	NIOSH TWA	50 ppm 180 mg/m <sup>3</sup>

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

**PERSONAL PROTECTION:** OSHA PEL: 150 ppm  
**RESPIRATORY PROTECTION:** VENTILATE TO KEEP VAPORS BELOW THRESHOLD LIMIT VALUES. NIOSH APPROVED RESPIRATORS FOR AREAS OF CONCENTRATED VAPORS.  
**EYES:** SPLASH GOGGLES FOR LIQUID PRODUCTS  
**GLOVES:** MUST BE IMPERVIOUS TO SOLVENTS

Exposure Guidelines Toluene (CAS 108-88-3), n-Hexane (CAS 110-54-3)

<b>US-California</b> OELS: Skin designation	Can be absorbed through the skin
<b>US-Minnesota</b> Haz Subs: Skin designation applies for Toluene only	Skin designation applies
<b>US ACGIH</b> Threshold Limit Values: Skin designation	Can be absorbed through the skin
	Danger of cutaneous absorption n-Hexane only

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

SPECIFIC GRAVITY:	.85	FLASH POINT: TAG CLOSED CUP:	-18.4 F (-28 C)
DENSITY:	7.11	VAPOR PRESSURE AT 20C (MM OF HG):	135
VAPOR DENSITY:	> 1 (Air=1)	(VOC) CONTENT:	670.2 g/liter
EVAPORATION RATE (nBuAc=1):		APPEARANCE:	Black liquid
SOLUBILITY IN WATER:	INSOLUBLE	ODOR:	Aromatic odor
BOILING RANGE (F):	150.8 F (66 C) estimated	ODOR THRESHOLD:	Not available
PHYSICAL STATE:	Liquid	PH:	Not available
% VOLATILE BY VOLUME:	77.08	MELTING POINT/FREEZING POINT:	Not determined
AUTOIGNITION TEMPERATURE:	Not determined	PARTITION COEFFICIENT:	n-octanol/water 3.44-4.66
DECOMPOSITION TEMPERATURE:	Not Available		
EXPLOSIVE/FLAMMABLE LIMITS:	(LEL): 1% (UEL): 7.4%		

**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. 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

**11. TOXICOLOGICAL INFORMATION:**

NOT IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA

Xylene (CAS 1330-20-7) Carcinogenicity: IARC Monographs 3 Not classifiable as to carcinogenicity to humans

**HEALTH EFFECTS:**

LIKELY ROUTES OF EXPOSURE: skin absorption, inhalation

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

**Skin:** Dry skin, dermatitis, de-fatting of the skin with chapping and cracking

**Inhalation:** Inebriation, followed by headache and nausea. Dizziness, convulsions and unconsciousness in sever cases. Anorexia and nervousness may persist for several months following acute overexposure.

(ACUTE TOXICITY ESTIMATE): May be fatal if swallowed and enters airways

**12. ECOLOGICAL INFORMATION:**

AQUATIC AND/OR TERRESTRIAL EXOTOXICITY:

Not classified as environmentally hazardous.

PERSISTENCE AND DEGRADABILITY:

No data available

BIO ACCUMULATIVE POTENTIAL:

Partition coefficient n-octanol/water (log Know) 3.44-4.66

**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:	UN1133, Adhesives, 3, PGII
Non-Bulk Package marking:	Adhesives, UN1133
Non-Bulk Package labeling:	Flammable liquid
Packaging references:	49 CFR 172.101 adhesives containing a flammable liquid
Exceptions:	173.150 Consumer commodity LQ-label no other marking required
Special Provisions:	149 Limited Quantity, Except for AIR
Hazardous Substance:	See section for RQ's if applicable
Emergency Response Guide:	128

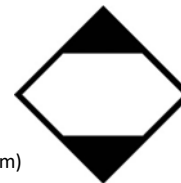


**SPECIAL SHIPPING INFORMATION:** WHEN PACKAGED IN CAULKING TUBES IN TESTED, CARDBOARD OUTER CARTONS WEIGHING < 66 POUNDS, THIS MATERIAL MAY BE SHIPPED PER HM-215K AS A LIMITED QUANTITY. SHIPPED AS A LIMITED QUANTITY, A LIMITED QUANTITY SHIPPING LABEL IS REQUIRED ON THE CARTON ONLY. OTHER SPECIAL DESCRIPTIONS, MARKS, LABELS OR PLACARDS ARE NOT NECESSARY AND THE MATERIAL MAY BE DESCRIBED ON THE BILL OF LADING BY PRODUCT NAME RATHER THAN PROPER SHIPPING DESCRIPTION.

International Maritime Dangerous Goods (IMDG)

Shipping Description:	UN1133, Adhesives, 3, PGII
Non-Bulk Package marking:	Adhesives, UN1133
Labels:	Flammable liquid
Packaging-Non-Bulk:	P001 UN MODEL RULES ALSO: 49 CFR 172.101 adhesives containing a flammable liquid
Exceptions:	PP1 UN MODEL RULES ALSO: 173.150 Consumer commodity LQ-label no other marking required
EMS:	
Marine Pollutant:	Yes*

LIMITED QUANTITY LABEL  
(Actual size is 100mm X 100mm)



\*Note: For non-bulk packaging, Marine pollutant is not regulated in containers less than 119 gallon.

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

UN/ID #:	UN1133
Proper Shipping Name:	Adhesives
Hazard Class/Division:	3
Subsidiary risk:	
Packing Group:	II
Non-Bulk Package marking:	Adhesives, UN1133
Labels:	Flammable liquid
Exceptions:	UN/ID#8000 Consumer commodity Limited Quantity for air label
ERG Code:	128

**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 56.9 % Toluene which is a reportable Section 313 chemical

SECTION 313: Contains &lt; 11.06 % n-Hexane which is a reportable Section 313 chemical

SECTION 313: Contains 6.3 % Xylene 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.



**WARNING:** This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to : [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

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 Substance List.

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

Australia: Listed on AICS.

China: Listed on IECSC.

Japan: Listed on ENCS.

Korea: Listed on ECL.

New Zealand: Listed on New Zealand Inventory.

Philippines: Listed on PICCS.

Taiwan: Listed on TCSI

**16. OTHER INFORMATION:**

APPROVAL DATE: 10-30-24

SUPERSEDES DATE: 01-08-2020

REASON FOR REVISION: NEW GHS EXTENDED FORMAT

MSDS FORMAT: GHS extended format, mixed solvent

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. THE MANUFACTURER CANNOT ANTICIPATE ALL CONDITIONS UNDER WHICH THIS INFORMATION AND ITS PRODUCT MAY BE USED.

**READ PRODUCT LABEL CAREFULLY BEFORE USE AND FOLLOW ALL PRECAUTIONS.**  
END OF SDS