

**MATERIAL SAFETY  
DATA SHEET**

HIGHSIDE CHEMICALS, INC.  
11114 REICHHOLD ROAD  
GULFPORT, MS 39503  
(228)-896-9220

**LEAK LOCK ®**

THIS MSDS COMPLIES WITH 29 CFR 1900.1200

**SECTION 1 - IDENTITY/EMERGENCY INFORMATION**

PRODUCT NAME:	LEAK LOCK ®	PRODUCT CODES: 10001
CHEMICAL NAME:	MIXTURE	10004
CHEMICAL FORMULA:	MIXTURE	10016 10128

IN CASE OF AN EMERGENCY CALL 1-800-255-3924

**SECTION 2 - INGREDIENTS**

COMPONENTS	CAS NO.	PEL/TLV - SOURCE
ETHANOL	64-17-5	1000 ppm, 1000 ppm TWA (OSHA, ACGIH)
ISOPROPANOL	67-63-0	400 ppm, 400 ppm TWA (OSHA, ACGIH) 500 ppm, 500 ppm STEL (OSHA, ACGIH)
TALC	14807-96-6	20 mppcf TWA FOR RESPIRABLE DUST, 2 mg/m <sup>3</sup> FOR RESPIRABLE DUST (OSHA, ACGIH)

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TSCA INVENTORY.

**SECTION 3 - PHYSICAL DATA**

VAPOR DENSITY (AIR = 1): 1.6  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.3  
SOLUBILITY IN WATER: INSOLUBLE  
APPEARANCE AND ODOR: BLUE FLOWABLE PASTE. SLIGHT ALCOHOL ODOR.  
% VOLATILE (BY WEIGHT): 28  
% VOLATILE ORGANIC COMPOUNDS: 28

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): 15.6 DEGREES C (60 DEGREES F) PMCC  
EXTINGUISHING MEDIA: USE ALCOHOL FOAM, CARBON DIOXIDE OR DRY CHEMICAL EXTINGUISHING MEDIA.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID ALL SOURCES OF IGNITION-HEAT, SPARKS, OPEN FLAME

HAZARD RATING: HEALTH - 1 FLAMMABILITY - 3 REACTIVITY - 0

**SECTION 5 - REACTIVITY DATA**

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: UNDER FIRE CONDITIONS: FUMES, SMOKE, CARBON MONOXIDE, AND OTHER DECOMPOSITION PRODUCTS, IN THE CASE OF INCOMPLETE COMBUSTION.

**SECTION 6 - HEALTH HAZARD DATA**

CARCINOGENICITY: A CONSTITUENT OF THIS PRODUCT IS LISTED BY NTP, or IARC. TALC CONTAINS CRYSTALLINE SILICA AT LEVELS GREATER THAN 0.1% BUT LESS THAN 1.0%. IARC HAS DETERMINED SILICA TO BE A CLASS 2A CARCINOGEN. NTP HAS CLASSIFIED CRYSTALLINE SILICA AS REASONABLY ANTICIPATED TO BE A CARCINOGEN. HOWEVER IN THIS PRODUCT THE SILICA IS NOT BREATHABLE. THIS PRODUCT CONTAINS ETHANOL, IARC HAS DETERMINED THAT EXPOSURE TO ALCOHOL THROUGH CHRONIC HUMAN CONSUMPTION CAN CAUSE CANCER.

PRIMARY ROUTE(S) OF ENTRY: INHALATION, SKIN CONTACT

EFFECTS OF CHRONIC OVEREXPOSURE:

OVEREXPOSURE TO ETHANOL HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: LIVER ABNORMALITIES, KIDNEY DAMAGE.

OVEREXPOSURE TO ETHANOL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: LIVER ABNORMALITIES, EYE DAMAGE.

FIRST AID PROCEDURES:

**SKIN CONTACT:** THOROUGHLY WASH THE EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.

**EYE CONTACT:** FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION.

**INGESTION:** IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING EITHER BY GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

**INHALATION:** IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR, IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

**SECTION 7 - SPECIAL PRECAUTIONS**

RESPIRATORY PROTECTION: IF WORK PLACE EXPOSURE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION 2), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S)

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS NEOPRENE.

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING OR BOOTS.

**SECTION 8 - ENVIRONMENTAL INFORMATION**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL OR LARGE SPILL:

SPILL SHOULD BE CONTAINED AND PLACED IN SUITABLE CONTAINER FOR DISPOSAL.

**WASTE DISPOSAL METHOD:**

SMALL SPILL OR LARGE SPILL:  
DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

EPA REGULATION CFR 302 (CERCLA SECTION 102):  
NO REPORTABLE QUANTITY (RQ) FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

EPA REGULATION CFR 355 (SARA SECTION 301-302):  
NO THRESHOLD PLANNING QUANTITY FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

EPA REGULATION 40 CFR 372 (SARA SECTION 313)  
NO TOXIC CHEMICAL IS PRESENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

EPA REGULATION 40 CFR 370 (SARA SECTIONS 311 - 312)  
NOT APPLICABLE FOR PRODUCT.

**SECTION 9 - SHIPPING INFORMATION**

DOT (49 CFR 172):

ONE LITER OR LESS CONTAINER: CONSUMER COMMODITY, ORM-D  
OVER ONE LITER CONTAINER: ADHESIVES, 3, UN1133, II

BILL OF LADING: PIPE FITTING COMPOUND, IT 42030  
POISON CONSTITUENT : NONE  
MARINE POLLUTANT: NC  
INTERNATIONAL (UN/NA CODE):

ONE LITRE OR LESS CONTAINER: ADHESIVES, 3, UN1133, II, LTD. QTY.  
OVER ONE LITRE CONTAINER: ADHESIVES, 3, UN1133, II

IMCO:EmS No. 3-05 CLASS 3

DATE PREPARED: 10/16/91

DATE UPDATED: 12/31/03

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