

## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: MS-NSI1717-31

PRODUCT NAME: NSI LIQUID LEADING

PLAID ENTERPRISES, INC.

3225 WESTECH DRIVE

NORCROSS, GA 30092

PHONE: 678-291-8100      CHEMTREC 24-HOUR PHONE: 800-424-9300

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#	% BY WT.
* ETHYLENE GLYCOL OSHA PEL: NOT EST., ACGIH TLV: 50 PPM	107-21-1	3.

### 3. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

EYE: Direct contact with material may cause slight irritation.

SKIN: Prolonged or repeated contact may cause slight skin irritation.

INGESTION: Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.

INHALATION: Exposure to vapors in poorly ventilated areas may cause irritation of the nose, throat, and respiratory tract.

CHRONIC (CANCER) INFORMATION: No anticipated chronic effects. This product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens.

TERATOLOGY (BIRTH DEFECT) INFORMATION: Product does not contain chemicals at levels known to cause birth defects.

REPRODUCTION INFORMATION: Product does not contain chemicals at levels known to cause reproductive toxicity.

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### 4. FIRST AID MEASURES

EYES: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

SKIN: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

INGESTION: Small amounts are not anticipated to be harmful. Give 2 glasses of water to drink.

INHALATION: Remove to fresh air. Get medical attention if breathing is difficult.

NOTE TO PHYSICIANS: Please contact your local poison control center for information regarding this product.

### 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: Not Determined      METHOD: Not Determined

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: Not Determined

UPPER FLAMMABLE LIMIT: Not Determined

AUTOIGNITION TEMPERATURE: Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS: Not Applicable

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire, water spray, foam, carbon dioxide, or dry chemical.

FIREFIGHTING INSTRUCTIONS: Use water spray to cool containers not actively involved in fire. Self-contained breathing apparatus recommended for fire fighters.

### 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb spill with inert material.

LARGE SPILL: Floor may be slippery, use care to avoid falling. Contain spills immediately

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with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

### 7. HANDLING AND STORAGE

**HANDLING:** Avoid employee exposure through the use of appropriate engineering controls, adequate personal protective equipment, and good industrial hygiene practices. Wash thoroughly after handling. Handle in well-ventilated workspace.

**STORAGE:** Store in a moderate cool, dry, well ventilated area away from direct sources of heat. Avoid freezing (32F). Position containers so that any labeling information is visible. Keep containers closed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** The use of local exhaust ventilation is recommended to control emissions near the source. Additional engineering controls should be used as necessary.

**RESPIRATORY PROTECTION:** Respiratory protection is generally not required. A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Impervious clothing should be worn when gross contact is likely, such as when cleaning up large spills. Neoprene gloves may provide protection against permeation.

**EYE PROTECTION:** Use safety glasses with side shields (ANSI Z87.1 or approved equivalent).

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** 212 Deg. F

**MELTING POINT:** Not determined.

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** Not Determined.

**SOLUBILITY IN WATER:** 100% Soluble or dispersible.

**SPECIFIC GRAVITY:** 1.1

**PH:** 7.1

**ODOR:** Slight pungent odor

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APPEARANCE: Dark gray paste

COATING VOC: .27 lb/gl

MATERIAL VOC: .27 lb/gl

### 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): This material is considered stable. However, avoid temperatures above 177C/350F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

INCOMPATIBILITY: There are no known materials which are incompatible with this product.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition will not occur.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

### 11. TOXICOLOGICAL INFORMATION

As packaged for consumers, this product is certified in a toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans, including children, or to cause acute or chronic health problems.

### 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No applicable data.

CHEMICAL FATE INFORMATION: Appreciable evaporation from water to air is expected in the environment. No appreciable bioconcentration is expected in the environment.

### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local, State, and Federal waste disposal regulations.

### 14. TRANSPORT INFORMATION:

NOT MEANT TO BE ALL INCLUSIVE

US DOT Hazard Class.....Nonregulated

### 15. REGULATORY INFORMATION:

NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED

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U.S. FEDERAL REGULATIONS: The components of this product are included on the TSCA inventory.

OSHA: This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200)

CERCLA: SARA HAZARD CATEGORY: Release of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

SECTION 313: \* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

### INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All components of this product are on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA.

EINECS: All the components of this product are on the European Inventory of Existing Commercial Chemical Substances.

### STATE REGULATIONS:

VOLATILE ORGANIC COMPOUNDS: The Volatile Organic Compounds (VOCs) are below the emission limits as regulated by The Environmental Protection Agency (EPA) and state regulations.

## 16. OTHER INFORMATION

NAME OF PREPARER: Dewey Wright

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HMIS CODES: H F R P  
1 0 0 A

HMIS HAZARD RATINGS: H=HEALTH, F=FIRE, R=REACTIVITY, P=PERSONAL

SCALE: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

PERSONAL PROTECTION: See Section 8, Exposure Controls/Personal Protection for recommended handling of material as supplied; check with supervisor for your actual use condition.

HMIS is a registered trademark of the National Paint and Coatings Association.

### LIST OF ACRONYMS:

ACGIH: American Conference of Government Industrial Hygienists

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

PPM: Parts Per Million

SARA: Superfund Amendment Reauthorization Act

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

Please note that this MSDS applies to industrial handling of this material. Consumers should read product label. The information and recommendations set forth herein are believed to be accurate, The data is derived from information provided to Plaid Enterprises, Inc. from its raw material suppliers. Plaid Enterprises, Inc. makes no guarantee or warranty, expressed or implied, regarding the accuracy, reliability, or completeness of the data or the results to be obtained from the use thereof. It is the responsibility of the user of the product to comply with all applicable federal, state, and local laws and regulations.

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