

HOT NECK GREASE FOR MILLS**MATERIAL SAFETY DATA SHEET (MSDS)**

SC-000-203 REV. 0

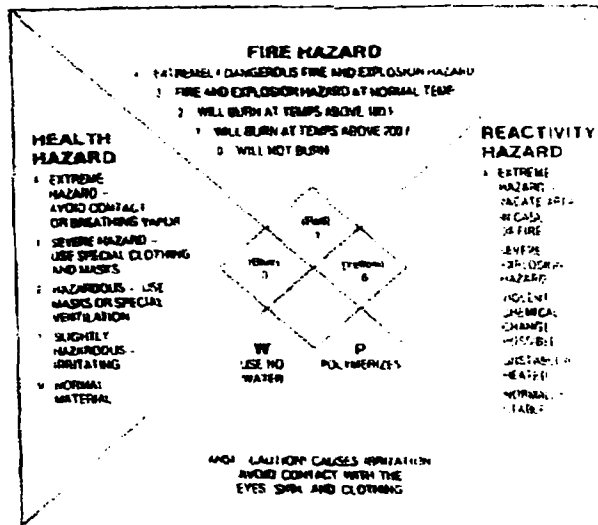
CODE 23-04

CONFORMS TO REQUIREMENTS OF OSHA STANDARD 1910.1200
"HAZARD COMMUNICATION"**SECTION I — PRODUCT IDENTIFICATION****VENDOR'S PRODUCT NAME:**

LT44

GENERAL OR GENERIC ID:**VENDOR NAME AND ADDRESS:**

N & E Lube Co.

EMERGENCY PHONE NUMBER: 941-624-2115**FIRE HAZARD CLASS:** HEALTH: 0 **FIRE:** 1 **REACTIVITY:** 0
THE FOURTH DIAMOND:**ANSI:** CAUTION! CAUSES IRRITATION. AVOID
CONTACT WITH THE EYES, SKIN, AND CLOTHING.**SECTION II — HAZARDOUS COMPONENTS**

INGREDIENT	CAS NO.	PERCENT	TLV	PEL
Petroleum Asphalt (fumes)	8052-42-4	100	5 mg/cu.m	N/E

e TLV for asphalt is intended for the fume that is given off when asphalt is heated.

SECTION III — OVERVIEW

Air-Blown, Cross-Linked Asphalt is an oxidized petroleum asphalt product.

Asphalt release vapors when heated. In confined spaces or in high concentrations these vapors are capable of causing eye and respiratory irritation. Hydrogen sulfide (H₂S) gas may be one of those vapors formed. In confined spaces accumulation of the emitted vapors may cause eye irritation, respiratory irritation, and/or suffocation. In high concentrations the rotten egg odor of hydrogen sulfide (ACGIH-STEL 15 ppm; 21 mg/M³) may not be detected due to fatigue of the sense of smell. Inhalation of high concentrations (>700 ppm) of hydrogen sulfide could be fatal.

The product is combustible but does not constitute an unusual fire hazard.

Experiments with animals and human studies have shown that petroleum asphalt fumes are not capable of causing cancer.

SECTION IV — PHYSICAL DATA**PHYSICAL DESCRIPTION:** Black, viscous semisolid material, hydrocarbon odor**BOILING POINT:** >600 F**VAPOR PRESSURE:** N/A**VAPOR DENSITY:** N/A**SOLUBILITY IN WATER:** Insoluble**SPECIFIC GRAVITY:** 1.00 — 1.05**PERCENT VOLATILE BY VOLUME:** <0.5%**EVAPORATION RATE:** N/D

Attn: Steve
 From: Bob Shabala
 Niagara Specialty Metals

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REV: 0

SECTION V — FIRE AND EXPLOSION DATA

LASH POINT (OPEN CUP): >475 F**EXPLOSIVE LIMITS:** N/A**AUTOIGNITION TEMP:** >905 F**FIRE POINT:** N/A**EXTINGUISHING MEDIA:** Dry chemical, water fog, foam, CO₂.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, aldehydes, and other unidentified compounds may form upon combustion.**SPECIAL FIRE FIGHTING PROCEDURES:** If entering a confined area, firefighters should wear a NIOSH approved self-contained breathing apparatus.**UNUSUAL FIRE & EXPLOSION HAZARDS:** None

SECTION VI — HEALTH HAZARD DATA

EYES: Irritation**SKIN:** Mild irritation. Repeated or prolonged contact can cause dry scaly dermatitis.**BREATHING:** Respiratory irritation, nausea, dizziness, headache.**SWALLOWING:** Stomach irritation, nausea, and vomiting.

FIRST AID

IF IN EYES: Flush with large amounts of water while holding eyelids open. Get medical attention if irritation persists.**IF ON SKIN:** Wash with soap and water or use waterless hand cleaner. Do not use solvents or thinners to clean the skin.**IF BREATHED:** Remove to fresh air. If breathing is difficult, give oxygen; if breathing has stopped, give artificial respiration. Get medical attention.**IF SWALLOWED:** If victim is conscious, give liquids. **INDUCE VOMITING.** Get medical attention.

SECTION VII — REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur.**STABILITY:** Stable**INCOMPATIBILITY:** Avoid contact with strong oxidizers.

SECTION VIII — SPILL OR LEAK PROCEDURES

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

Dike or contain spill with earth, floor dry, sand, etc. Pump liquid to containers or storage vessel. Soak up residue with absorbent material. Scoop contaminated absorbent and diking material into containers for disposal.

WASTE DISPOSAL METHOD: Wastes should be disposed of according to federal, state, and local regulations.

SECTION IX — PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: NIOSH approved cartridge respirator with organic vapor cartridges if other controls are not effective.**VENTILATION:** Normal ventilation is usually adequate.**PROTECTIVE GLOVES:** Impervious gloves such as neoprene or vinyl.**EYE PROTECTION:** Wear chemical safety goggles if splashing may occur.**OTHER PROTECTIVE EQUIPMENT:** Wear a protective apron if splashing or repeated contact is likely.

SECTION X — SPECIAL PRECAUTIONS OR OTHER COMMENTS

STORAGE: Store in closed containers away from sources of ignition.**CONFINED SPACE HAZARDS:** When confronting confined spaces that have held asphaltic materials, atmospheric tests should be conducted to determine if vapor contamination exists. If personnel entry into a contaminated confined space is necessary, ventilate the confined space with fresh air or use air-supplied respiratory equipment.**HANDLING:** Avoid prolonged or repeated breathing of vapor, mist, or fumes. Avoid prolonged or repeated contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Avoid skin and eye contact with molten materials.**OTHER PRECAUTIONS:** Not for use or storage in or around the home. **DO NOT TAKE INTERNALLY.** Do not use until manufacturer's precautions have been read and understood. Wash exposed areas promptly and completely after skin contact and before eating, drinking, using tobacco products, or rest rooms.

Information presented herein has been compiled from sources considered to be reliable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Corporation
4620 Richmond Road
Cleveland OH 44128

Emergency Telephone Number

Call Chemtrec at 1-800-424-9300

Product Identifier:

Gasolac® NT

Product Description:

Complex Mixture

Product Use:

Sealing Compound

*Pipe Thread
Sealant*

Section 2 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Contains:	OSHA PEL	ACGIH TLV	%
Isopropyl Alcohol CAS # 67-63-0	400 ppm	400 ppm	10-15
Ethylene Glycol Butyl Ether CAS # 111-76-2	50 ppm	25 ppm	13-18

Section 3 Hazards Identification

HMIS HAZARD IDENTIFICATION

Health 1

Flammability 2

Reactivity 0

EMERGENCY OVERVIEW:

PHYSICAL HAZARDS:

May become slippery if spilled on floor.

ACUTE HEALTH EFFECTS:

May cause severe eye irritation but no lasting damage. Transient irritation may result from extended skin contact. If ingested may cause gastrointestinal discomfort.

CHRONIC HEALTH EFFECTS:

No chronic health effects are expected

Section 4 First Aid Measures

INHALATION: Not expected to become a significant inhalation hazard under normal conditions of use.

INGESTION: If ingested this product is not expected to cause an acute reaction. Give two glasses of water to drink. Consult physician. Never give anything by mouth to an unconscious person.

EYES: Flush eyes immediately with large quantities of water, lifting the lower and upper lids occasionally. If irritation persists consult a physician.

SKIN: Flush the contaminated skin and wash with soap and water. If irritation develops or persists seek medical advice. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Foam (Aqueous Film Forming Foam), dry chemical, carbon dioxide.

SPECIAL PRECAUTIONS: Water fog may be used to cool the containers, however frothing may occur if water is sprayed directly into burning containers. Do not enter fire area without proper protection.

HAZARDOUS COMBUSTION PRODUCTS: The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

FLASH POINT: 70 F

LOWER FLAMMABLE LIMIT: 1.1%

UPPER FLAMMABLE LIMIT: 10.6%

AUTOIGNITION TEMPERATURE: Not established

Section 6 Accidental Release Measures

Isolate the spill area, and keep unnecessary people away. Absorb spilled material with a suitable inert absorbent material. Collect and dispose of the contaminated absorbent in accordance with local state and federal laws.

Section 7 Handling and Storage

HANDLING: Avoid contact with the skin and eyes. Use good industrial hygiene practices. Provide adequate ventilation. Keep containers closed. No smoking or open flame in storage areas. Wash hands after using product and before eating, drinking, smoking or using toilet facilities.

STORAGE: Store in a dry place away from moisture, excessive heat and sources of ignition. Avoid storage near food to prevent food contamination. Avoid freezing.

Section 8 Exposure Controls/Personal Protection

VENTILATION REQUIREMENTS: In confined areas local and general ventilation should be provided to maintain airborne concentrations below permissible exposure limits. Ventilation systems must be designed according to approved engineering standards.

PERSONAL PROTECTION:

EYE: The wearing of protective glasses is recommended when handling any chemicals.

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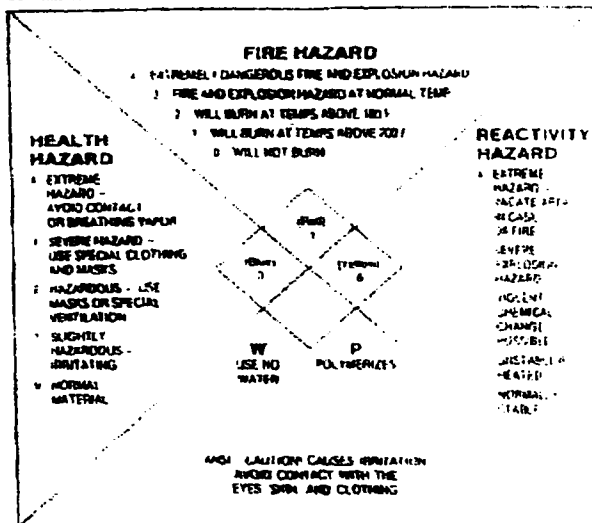
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