

Safety Data Sheet
MAXX-GRIP

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: MAXX-GRIP

PRODUCT CODE: 8247, 8424, 9877

RECOMMENDED USE: Belt Dressing

RESTRICTIONS ON USE: None known.

COMPANY NAME: TIFCO Industries Inc.

COMPANY ADDRESS: 21400 Northwest Freeway Cypress, TX 77429

COMPANY PHONE: 281-571-6000

EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Gases Under Pressure: Liquefied Gas

Skin Irritant: Category 2

Specific Target Organ Toxicity (Single Exposure): Category 3

Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Avoid breathing mist, vapors and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and federal regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Naphtha (petroleum), hydrotreated light	64742-49-0	30-40%
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9	30-40%
Propane	74-98-6	5-15%
N-Butane	106-97-8	5-15%

SECTION IV - FIRST AID MEASURES

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

INGESTION: Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing administer artificial respiration. If breathing is difficult give oxygen. Consult a physician.

SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

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ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Causes skin irritation including redness, burning and drying/cracking. Prolonged and repeated inhalation of vapors may cause nausea, dizziness and drowsiness. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

CHRONIC HEALTH HAZARDS: Chronic inhalation can damage the central nervous system (CNS).

NOTE TO PHYSICIAN: Treatment of overexposure should be directed toward the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flashback. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, various hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, open flames, or other sources of ignition. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in cool, dry, ventilated area. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong oxidizing agents. Some plastics and painted surfaces, pre-test before using.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Naphtha (petroleum), hydrotreated light	Not Established	247 ppm
Distillates (petroleum), light distillate hydrotreating process, low-boiling	Not Established	200 ppm
Propane	1000 ppm	1000 ppm
N-Butane	Not Established	1000 ppm

ENGINEERING CONTROLS / VENTILATION: Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.

ADDITIONAL MEASURES: Avoid contact with skin or eyes and avoid breathing vapors. Wash hands after use.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless to slight tint spray

ODOR: Solvent odor

ODOR THRESHOLD: N/D

pH: N/D

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

FLAMMABILITY(solid/gas): Extremely Flammable Aerosol

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H₂O=1): 0.74 - 0.77

SOLUBILITY(IES): Negligible.

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Temperatures greater than 122 °F and sources of ignition. Avoid incompatibles.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Some plastics and painted surfaces, pre-test before using.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Propane** (74-98-6) LC₅₀ (Inhalation, Rat, 4hr) 658 mg/l **n-Butane** (106-97-8) LC₅₀ (Inhalation, Rat, 4hr) 30957 mg/m³

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: May cause irritation, pain, redness, tearing, swelling.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.

INHALATION: May cause irritation to the respiratory tract, dizziness, headaches, nausea, unconsciousness, central nervous system depression.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the CNS. Pre-existing disorders of the skin and respiratory system will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Causes skin irritation including redness, burning and drying/cracking. Prolonged and repeated inhalation of vapors may cause nausea, dizziness and drowsiness. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

CHRONIC HEALTH HAZARDS: Chronic inhalation can damage the central nervous system (CNS).

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects.

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: Components in this mixture can bioaccumulate in aquatic organisms.

MOBILITY IN SOIL: N/D

OTHER ADVERSE EFFECTS: None known.

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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 REPORTABLE INGREDIENTS: None.

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia); Domestic Substances List (DSL, Canada); Inventory of Existing Chemical Substances in China (IECSC, China); Korea Existing Chemicals Inventory (KECI, Korea); New Zealand Inventory of Chemicals (NZIOC, New Zealand); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).

VOLATILE ORGANIC COMPOUNDS (VOC): 20%

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 3

HMIS FLAMMABILITY: 3

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón

DATE PREPARED: 01/04/2014

REVISION DATE: 07/14/2021

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are

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described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.