

# Safety Data Sheet

## SECTION I - IDENTIFICATION

**PRODUCT IDENTIFIER:** Armor-Kote  
**PRODUCT CODE:** 9660, 9669  
**RECOMMENDED USE:** Removes road film, grease, and grime from vinyl and rubber products.  
**RESTRICTIONS ON USE:** None Known  
**COMPANY NAME:** Tifco Industries  
**COMPANY ADDRESS:** P.O. Box 40277, Houston, TX 77240  
**COMPANY PHONE:** 281-571-6000  
**EMERGENCY PHONE:** 800-255-3924

## SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Eye Irritant: Category 2A  
**HAZARD STATEMENT(S): WARNING:** Causes serious eye irritation.  
This product contains the following percentage of chemicals of unknown toxicity: 38%  
**PRECAUTIONARY STATEMENTS:** Wash hands thoroughly after handling. Wear eye protection/face protection. If in 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/attention.  
**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

## SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
4-Nonylphenol branched, ethoxylated	127087-87-0	1-3%

## SECTION IV - FIRST AID MEASURES

**EYES:** Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.  
**INGESTION:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.  
**INHALATION:** Move to fresh air.  
**SKIN:** First aid is not normally required.  
**ACUTE HEALTH HAZARDS:** None Known  
**CHRONIC HEALTH HAZARDS:** None known  
**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use appropriate media for surrounding fire.  
**UNSUITABLE EXTINGUISHING MEDIA:** N/A  
**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.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Non-combustible N/A  
**HAZARDOUS COMBUSTION PRODUCTS:** N/A

## SECTION VI – ACCIDENTAL RELEASE MEASURES

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

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**SPILL:** Clean up using cloth or absorbent material. Dispose of product-containing wiping cloth or absorbent paper in suitable manner. Place waste in proper containers for waste disposal.

**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Store in a cool, dry area.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** None Known

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
4-Nonylphenol branched, ethoxylated	Not Established	Not Established

**ENGINEERING CONTROLS / VENTILATION:** Not required

**RESPIRATORY PROTECTION:** Not required with normal use.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses

**ADDITIONAL MEASURES:** Follow normal hygiene practices

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White liquid emulsion

**ODOR:** No distinct odor

**ODOR THRESHOLD:** N/D

**pH:** 7-8.6

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** > 212°F (100°C)

**FLASH POINT:** N/D

**EVAPORATION RATE:** < 0.8 (Slow)

**FLAMMABILITY(solid/gas):** Not considered a flammable liquid by OSHA (29CFR 1910.1200)

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**EXPLOSIVE LIMIT LOWER (%):** N/D

**EXPLOISVE LIMIT UPPER (%):** N/D

**VAPOR PRESSURE (mm Hg):** (atm @ 25°C): 0.52

**VAPOR DENSITY (AIR=1):** 1 @ 77°F (25°C)

**RELATIVE DENSITY (H2O=1):** 0.99-1.01

**SOLUBILITY(IES):** 100% water

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY

**REACTIVITY:** None Known

**CHEMICAL STABILITY:** Stable

**POSSIBLE HAZARDOUS REACTIONS:** None Known

**CONDITIONS TO AVOID:** None known

**INCOMPATIBLE MATERIALS:** None Known

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon

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## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Established

**ROUTES OF ENTRY:** Eyes, Ingestion, Skin

**EYES:** Causes irritation.

**INGESTION:** May cause gastrointestinal irritation.

**INHALATION:** Not likely due to low vapor pressure.

**SKIN:** May cause irritation.

**MEDICAL CONDITION AGGRAVATED:** Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.

**ACUTE HEALTH HAZARDS:** None Known

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

## SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not Established

**PERSISTENCE AND DEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:** This product is mobile in soil.

**OTHER ADVERSE EFFECTS:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S., Non Regulated

**HAZARD CLASS/DIVISION:** None

**UN/NA NUMBER:** N/A

**PACKING GROUP:** None

### AIR SHIPMENT

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S., Non Regulated

**HAZARD CLASS/DIVISION:** None

**UN/NA NUMBER:** N/A

**PACKING GROUP:** None

### SHIPPING BY WATER:

#### VESSEL (IMO/IMDG)

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S., Non Regulated

**HAZARD CLASS/DIVISION:** None

**UN/NA NUMBER:** N/A

**PACKING GROUP:** None

**ENVIRONMENTAL HAZARDS WATER:** N/A

## 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:** None

**SARA 313 REPORTABLE INGREDIENTS:** None

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** California Proposition 65: None

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**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%

**NFPA HEALTH:** 1  
**NFPA FLAMMABILITY:** 0  
**NFPA REACTIVITY:** 0  
**NFPA OTHER:** None

**HMIS HEALTH:** 1  
**HMIS FLAMMABILITY:** 0  
**HMIS REACTIVITY:** 0  
**HMIS PROTECTION:** A

### SECTION XVI - OTHER INFORMATION

**PREPARATION BY:** Andrew Bach

**DATE PREPARED:** 07/25/2013

**REVISION DATE:** 10/14/2019

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

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