



TRX-200

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard (29CFR 1910.1200)

Manufactured For: RAMCO SPECIALTY PRODUCTS, Inc. ♦ 5956 State Road ♦ Bakersfield, CA 93308-3022
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SECTION I - PRODUCT IDENTIFICATION

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|---------------------|----------------------------|-----------------------------|----------------------|
| PRODUCT NAME | TRX-200 (Bulk & Tubes) | PROPER SHIPPING NAME | GREASE OR OIL N.O.S. |
| PRODUCT NUMBER | 1017, 1018, 1048 | DATE PREPARED | 06/27/2003 |
| PRODUCT DESCRIPTION | Premium Red Bentone Grease | PREPARED BY | WARREN SQUYRES |
| Information Phone | (800) 334-7071 | 24-Hour Emergency Phone No. | (800) 255-3924 |

NFPA - HMIS CODES

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|--------|---|--------------|---|-----------|---|------------|---|---------------------|---|
| Health | 1 | Flammability | 1 | Corrosive | 0 | Reactivity | 0 | Personal Protection | B |
|--------|---|--------------|---|-----------|---|------------|---|---------------------|---|

SECTION II - MATERIAL IDENTIFICATION AND INFORMATION

| Description | CAS Number | SARA III LIST | OSHA PEL (ppm) | ACGIH TLV (ppm) | VOC Grams/Liter | Wt % |
|---------------|------------|---------------|----------------|-----------------|-----------------|------|
| Residual Oils | 64742-57-0 | NO | 5mg/m3 | 5mg/m3 | -- | -- |
| | 64742-62-7 | NO | 5mg/m3 | 5mg/m3 | -- | -- |
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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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|--|-------|--------------------------------|---------------|
| Initial Boiling Point, °F | N/E | Evaporation Rate (n-Bu-Ac=1.0) | N/A |
| Vapor Pressure for Product (mmHg @ 20°C) | >0.01 | Melting Point, °F | N/E |
| Vapor Density for Product (Air = 1.0) | <5.0 | Molecular Weight, Avg. | N/A |
| Specific Gravity (H2O=1 @ 25°C) | 0.89 | Viscosity, Typical (cp) | N/A |
| VOC (Grams/Liter @ 25°C) | N/A | Appearance and Color | Red Tacky Gel |
| Volatiles, % by Volume @ 100°C | N/A | Odor | Petroleum |
| Total VOC % | N/A | Water Solubility (Wt %) | Negligible |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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| Flash Point (ASTM D92) C.O.C. | 560°F |
| Auto Ignition Temperatures | N/A |
| Flammability Limits in Air | |
| Lower Explosive Limit Estimated | N/E |
| Upper Explosive Limit Estimated | N/E |
| Extinguishing Media | Water Spray, Dry Chemical, Foam, or Carbon Dioxide |
| Unusual Fire and Explosion Hazards | Pressure will increase in over-heated closed containers. Keep fire-exposed containers cool. |
| Special Fire Fighting Procedures | Wear self-contained breathing apparatus and chemical resistant clothing. Water or foam may cause frothing. |
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SECTION V - HEALTH HAZARD DATA AND EMERGENCY FIRST AID PROCEDURES

| ENTRY ROUTES | ADVERSE/CHRONIC EFFECTS | FIRST AID PROCEDURES |
|-------------------|---|---|
| EYES | May cause irritation. | Flush eyes with water using eyecup or fountain for at least 15 minutes or until irritation subsides while lifting upper and lower lids open. Seek medical attention if irritation persists. |
| INGESTION | Not likely under normal usage. Can cause vomiting, nausea or diarrhea. | DO NOT INDUCE VOMITING. Give 3 - 4 glasses of water. Call a physician immediately. |
| INHALATION | Not likely under normal usage. Massive exposure may cause headaches, dizziness and/or drowsiness. | Remove to area of fresh air. If overcome by vapor from hot product, immediately remove from exposure and call a physician. |
| SKIN | Prolonged or repeated contact may cause irritation. | Remove contaminated clothing. Wash exposed area with soap and water. |
| CARCINOGEN | NONE | MEDICAL CONDITIONS TO AVOID None known. |

SECTION VI - REACTIVITY DATA

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| STABILITY | Stable - Avoid oxidizing atmospheres. |
| HAZARDOUS POLYMERIZATION | Will not occur - No conditions known. |
| INCOMPATIBILITY | Liquid chlorine, oxygen, sodium hypochlorite, or calcium hypochlorite. |
| HAZARDOUS DECOMPOSITION | Oxides of Carbon. |

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Stop flow, scrape, wipe, mop up, or absorb with diatomaceous earth or other inert material. Eliminate all ignition sources. Store in appropriate container for disposal. Keep product from entering waterways and sewers. | |
| WASTE DISPOSAL | Dispose of in compliance with Federal, State, and Local laws. |
| HANDLING & STORAGE | Do not store sealed container near extreme heat. Do not store or mix with strong oxidizers. |
| OTHER PRECAUTIONS | KEEP OUT OF REACH OF CHILDREN. Read and follow label directions. For Industrial/Institutional use only. |

SECTION VIII - CONTROL MEASURES

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| RESPIRATORY PROTECTION (Specify Type) | Not needed for normal use in accordance with label directions. |
| VENTILATION | Normal ventilation is usually adequate. |
| PROTECTIVE GLOVES | Chemical resistant gloves recommended. |
| EYE PROTECTION | Splash goggles or face shield when eye contact may occur. |
| OTHER PROTECTIVE CLOTHING/EQUIPMENT | None needed for normal use in accordance with label directions. |
| WORK HYGIENIC PRACTICES | Employees must practice good personal hygiene; washing exposed areas of skin several times daily and before eating, drinking or smoking. Launder contaminated clothing before reuse. |

SECTION IX - TRANSPORTATION DATA

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| PROPER SHIPPING NAME | GREASE OR OIL N.O.S. |
| DOT ID NUMBER | N/A |
| DOT HAZARD CLASS | NOT REGULATED |

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