



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

PRODUCT NAME	TRX-200 (Aerosol)	PROPER SHIPPING NAME	CONSUMER COMMODITY
PRODUCT NUMBER	1640	DATE PREPARED	06/27/2003
PRODUCT DESCRIPTION	Multi-Purpose Red Spray Grease	PREPARED BY	WARREN SQUYRES
Information Phone	(800) 334-7071	24-Hour Emergency Phone No.	(800) 255-3924

NFPA - HMIS CODES

Health	1	Flammability	2	Corrosive	0	Reactivity	0	Personal Protection	B
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SECTION II - MATERIAL IDENTIFICATION AND INFORMATION

Description	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	VOC Grams/Liter	Wt %
Hexane	110-54-3	YES	50	50	~ 674	~ 35-45
Aromatic Petroleum Distillate	64742-94-5	NO	100	N/E	--	--
Isobutane	75-28-5	NO	800	800	--	--
Propane	74-98-6	NO	1000	1000	--	--

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Initial Boiling Point @ 212°F	N/A	Evaporation Rate (n-Bu-Ac=1.0)	N/E
Vapor Pressure for Product (mmHg @ 20°C)	N/A	Freezing Point	N/E
Vapor Pressure (psig @ 70°F Aerosols)	46 psig	Molecular Weight, Avg.	N/E
Vapor Density for Product (Air = 1.0)	2.9	Viscosity, Typical (cp)	N/E
Specific Gravity (25°C) (Concentrate Only)	0.78	Appearance	Red Viscous, Tacky Liquid
VOC (Grams/Liter @ 25°C - EPA Method 24)	N/A	Odor	Solvent Odor
Water Solubility (Wt %)	NIL	Water Reactive	NO

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (of concentrate only)	N/A
Auto Ignition Temperatures	N/E
Flammability Limits in Air	
Lower Explosive Limit Estimated	N/E
Upper Explosive Limit Estimated	N/E
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Unusual Fire and Explosion Hazards	Do not expose to temperatures above 130°F or the container may rupture. Provide shielding to protect personnel.
Special Fire Fighting Procedures	Use water-fog to cool fire-exposed containers to prevent rupturing and bursting.
FLAMMABILITY as per USA FLAME PROJECTION TEST (Aerosols)	Flammable Spray



TRX-200

Page 2 of 2

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 large amounts of cool running water using eyecup or fountain for at least 15 minutes while lifting upper and lower lids open. Seek medical attention if irritated.
INGESTION	Aspiration into lungs can cause chemical pneumonitis.	DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.
INHALATION	Can cause headaches and dizziness.	Remove to fresh air. Seek medical attention. If breathing stops, give artificial respiration.
SKIN	Can cause skin defatting.	Remove contaminated clothing. Wash exposed area with soap and water. Seek medical attention if irritated.
CARCINOGEN	NONE	MEDICAL CONDITIONS TO AVOID Asthma

SECTION VI - REACTIVITY DATA

STABILITY	Stable - Avoid heat, sparks, open flame, welding arcs.
HAZARDOUS POLYMERIZATION	Will not occur - No conditions known.
INCOMPATIBILITY	Oxygen and oxidants.
HAZARDOUS DECOMPOSITION	Carbon Dioxide, Carbon Monoxide

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. Extinguish all ignition and combustion sources. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Local, State and Federal Regulations.	
WASTE DISPOSAL	Aerosol cans when depressurized through normal use pose no disposal hazards and should be recycled.
HANDLING & STORAGE	Do not puncture or incinerate containers. Do not store at temperatures above 130°F. Keep away from heat, open flame, sparks, or electrical arcs.
OTHER PRECAUTIONS	KEEP OUT OF REACH OF CHILDREN. Read and follow label directions. For Industrial/Institutional use only.
NFPA CODE 30B RATING	Level Aerosol

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)	Not needed for normal use in accordance with label directions.
VENTILATION	Normal ventilation is usually adequate.
PROTECTIVE GLOVES	Not needed for normal use in accordance with label directions. Use solvent resistant gloves if contact will be made.
EYE PROTECTION	Approved safety glasses with side shields or chemical proof goggles.
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

PROPER SHIPPING NAME	CONSUMER COMMODITY
DOT ID NUMBER	N/A
DOT HAZARD CLASS	ORM-D

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