

Material Safety Data Sheet

May be used to comply with
OSHA=S Hazard Communication Standard
29 CFR 2910.1200. Standard must be
consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Identity (As Used on Label and List) #450K8, 451K8, 455K8, 460K8, 462K8, 463K8, 464K8, 465K8, 467K8, 468K8, 469K8, 472K8, 473K8, 474K8, 475K8, 476K8, 478K8 Hesco (Elky Pro) Metered Aerosol Deodorants UN NUMBER: UN1950	CLASS: 2.1 Aerosols are flammable. (Each not exceeding 1 L capacity)
--	---

Section I

Manufactured for: Hesco (Elky Pro).	Emergency Telephone Number (800) 424-9300
Address (number, Street, City, State, and ZIP Code)	Telephone Number for Information (800) 822-7467 (847)647-6700
6633 N. Milwaukee	Date Prepared 10/13/2005
Niles, IL 60714	Signature of Preparer (optional)

Section II - HMIS Rating

Health 2 Flammability 4 Reactivity 1

Section III - Hazardous Ingredients/Identity Information

Hazardous Components [Specific Chemical Identity: Common Name(s)] (optional Recommended)	OSHA PEL	ACGIH TLV	Other Limits	%
Ethanol CAS #64-17-5	1000 ppm	1000 ppm	20-30	
Hydrocarbon Propellant (contains) Propane CAS #64-98-6 Isobutane CAS #75-28-5 N-Butane CAS #106-97-8	1000 ppm N/E 800 ppm	1000 ppm N/E 800 ppm	35-45	
Isopar M CAS #64742-47-8	300 ppm		25-35	
Amyl Acetate CAS #628-63-7	100 ppm	100 ppm	0.2 - 2.0	

Section IV - Physical/Chemical Characteristics

Boiling Point	N/D	Specific Gravity (H ₂ O = 1)	0.5508
Vapor Pressure (mm Hg.)	N/D	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	<1

Solubility in Water: N/E

Appearance and Odor: Very dry spritz with various fragrance odors.

Section V - Fire and Explosion Hazard Data

Flash Point (Method Used) -50°F TCC	Flammable Limits	LEL 0.6%	UEL 19.0%
Extinguishing Media	Carbon dioxide, dry chemical foam		
Special Fire Fighting Procedures	Self contained air supply suggested. Keep container cool to avoid bursting.		
Unusual Fire and Explosion Hazards	Exposure to temperatures above 120°F may cause bursting.		

Section VI - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid.			
Hazardous Decomposition or Byproducts: Burning can produce small amounts of carbon monoxide and/or carbon dioxide and trace amounts of phosgene.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	
Section VII - Health Hazard Data			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes			
Health Hazards (Acute and Chronic): Acute - None known Chronic - Low order of toxicity; frequent or prolonged contact may irritate skin; may result in kidney and liver damage			
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No			
Signs and Symptoms of Exposure: Inhalation - Shortness of breath, dizziness and light headedness Eyes & Skin - Irritation Ingestion - May cause chemical pneumonia if aspired into lungs.			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: Flush skin and eyes repeatedly with water. If ingested, give large amounts of water. Do not induce vomiting. Get medical attention. If inhaled, remove to fresh air.			
Section VIII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate all ignition sources. Wash spills with soap and water. For large spills soak up with inert absorbant material such as sand.			
Waste Disposal Method: Landfill for absorbant material. Do not incinerate. Dispose of in accordance with local, state and federal regulations.			
Precautions to be Taken in Handling and Storing: Do not store near heat or open flame or temperatures exceeding 120°F.			
Other precautions: None			
Section IX - Control Measures			
Respiratory Protection (Specify Type): None required			
Ventilation	Local Exhaust	Adequate	Special N/A
	Mechanical (General)	Adequate	Other N/A
Protective Gloves: Rubber or plastic for prolonged contact	Eye Protection: Safety goggles for splash protection		
Other Protective Clothing or Equipment: Eye wash/shower facility nearby			
Work/Hygienic Practices: Good housekeeping practices. Avoid skin/eye contact.			