

VHS/BETA Video Cleaner (440-1148/49)

Faxback Doc. # 2999

Products ID #: 5340066 & 53400668

MATERIAL SAFETY DATA SHEET

RADIO SHACK CAT NO. 44-1148 & 44-1149

Identity (As used on label and list) VIDEO HEAD CLEANER SOLUTION	Note: Blank field are not permitted
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Section I	
Manufacturer's Name TANDY MAGNETIC MEDIA	Emergency Phone # 408-988-3100
Address 1600 MEMOREX DRIVE	Information Phone # 408-982-5053
City, State, Zip Code SANTA CLARA, CA 95050	Date Prepared 11/19/92

Section II - Hazardous Ingredients		
Ingredient BUTOXYETHYL STEARATE	Percent < 2.00	CAS Number
Common Names and Synonyms BUTYL CELLOSOLVE STEARATE; FATTY ACID ESTER		
PEL: NOT ESTABLISHED		TLV: NOT ESTABLISHED
Other Limits Recommended: NONE KNOWN		
Ingredient ORGANOSILOXANE	Percent < 1.00	CAS Number 2530-83-8
Common Names and Synonyms DOW CORNING (R) Z-6040 SILANE		
PEL: 100% = 10 PPM - EV		TLV: 100% = 5 PPM - TWA
Other Limits Recommended: NONE KNOWN		

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Section II - Hazardous Ingredients (continued)		
Ingredient	Percent	CAS Number
ISOPROPYL ALCOHOL	97.00	67-63-0
Common Names and Synonyms ISOPROPYL ALCOHOL		
PEL: >95% = 400 PPM	TLV: >95% = 400 PPM	
Other Limits Recommended: OSHA/ACGIH (STEL) 500 PPM		

Section III - Physical/Chemical Characteristics	
Boiling Point: 180.0 DEG. F	Specific Gravity: .789
Vapor Pressure: 33.0 MM HG	Melting Point: NA
Vapor Density: 2.0	Evaporation Rate: 7.70
SOLUBILITY IN WATER 100% Soluble in water	
APPEARANCE AND ODOR Clear liquid, with a odor of alcohol.	

Section IV - Fire And Explosion Hazard Data		
Flash Point: 53.0 DEG F	Limits: Lel: 2.0%	Uel:
EXTINGUISHING MEDIA Alcohol foam or carbon dioxide or dry chemical.		
SPECIAL FIREFIGHTING PROCEDURES Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.		

NFPA CODES: Health - 1 Flammability - 3 Reactivity - 0

UNUSUAL FIRE AND EXPLOSION HAZARDS  
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Section IV - Fire and Explosion Hazard Data (continued)

UNUSUAL FIRE AND EXPLOSION HAZARDS (Con't.)  
None Known.

Section V - Reactivity Data

STABILITY: Stable

CONDITIONS TO AVOID  
None Known.

INCOMPATIBILITY (MATERIALS TO AVOID)  
Avoid contact with: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS  
May form toxic materials:  
Carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID  
None Known.

Section VI - Health Hazard Data

CARCINOGENICITY	NTP?	IARC?	OSHA REGULATED
NO	NO	NO	NO

Effects and Hazards of Overexposure (Acute and Chronic)  
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EFFECTS AND HAZARDS

EFFECTS AND HAZARDS OF EYE CONTACT  
Can cause severe irritation, redness, tearing,  
and blurred vision.

EFFECTS AND HAZARDS OF SKIN CONTACT

Prolong or repeated contact can cause moderate irritation, defatting, dermatitis.

EFFECTS AND HAZARDS OF INHALATION (BREATHING)

Excessing inhalation of vapors can cause nasal and  
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Section VI - Health Hazard Data (continued)

EFFECTS AND HAZARDS OF INHALATION (BREATHING) (Con't.)

respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness, and even death.

EFFECTS AND HAZARDS OF INGESTION (SWALLOWING)

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Emergency And first Aid Procedures

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TREATMENT FOR EYE CONTACT

Flush with large amounts of water, lifting upper AND lower lids occasionally, get medical attention.

TREATMENT FOR SKIN CONTACT

Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

TREATMENT FOR INHALATION (BREATHING)

If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.

TREATMENT FOR INGESTION (SWALLOWING)

Immediately drink two glasses of water and induce vomiting by either giving ipecac syrup or by placing finger at back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILL: Eliminate all sources of ignition such as

flares, flames (including pilot lights), and electrical sparks. Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood.

LARGE SPILL: Eliminate all ignition source (Flares, Flames)  
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Section VII - Precautions for Safe Handling and Use (continued)

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED (Con't.)  
including pilot lights, electrical sparks).  
Persons not wearing protecting equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.  
  
Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

WASTE DISPOSAL METHOD

SMALL SPILL: Dispose of in accordance with all local, state and federal regulations.

LARGE SPILL: Dispose of in accordance with all local, state and federal regulations.

Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid).

OTHER PRECAUTIONS

All hazard precautions given in the data sheet must be observed.

Section VIII - Control Measures

RESPIRATORY PROTECTION

If workplace exposure limits(s) of product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator

is advised in absence of proper environment control.

OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

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Section VIII - Control Measures (continued)	
Ventilation ~~~~~	
LOCAL EXHAUST VENTILATION	Provide sufficient local exhaust ventilation to maintain exposure below TLV(s).
SPECIAL VENTILATION	None Known.
MECHANICAL (GENERAL) VENTILATION	Provide sufficient mechanical ventilation to maintain exposed below TLV(s).
OTHER VENTILATION	None Known.
PROTECTIVE GLOVES	Wear resistant gloves such as: Natural rubber, Neoprene.
EYE PROTECTION	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses.
OTHER PROTECTIVE EQUIPMENT	To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
WORK AND HYGIENIC PRACTICES	When using this product observe all safety precautions. After use of this product, wash all exposed contaminated body parts with soap and water thoroughly.