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MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: March 2004

HAZARD RATINGS

Least -----> Greatest
0 -----> 4

HMIS CODES

Health 2
Flammability 1
Reactivity 0
Personal Protection 0

SECTION I PRODUCT IDENTIFICATION

Product Name: Liquiguard - for Electronics, Electricals, Metals
Product Number: 42C-8
Product Class: Protective Coating
D.O.T. Shipping Class: Consumer Commodity
INTERNATIONAL CLASS

CAS NUMBER Mixture

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT PRESSURE	CAS#	PERCENT %VOL	OCCUPATIONAL EXPOSURE LIMITS	VAPOR
			OSHA PEL	ACGIH PEL
Fungicide/mildewcide		5-10	N/A	N/A
Silicone Copolymer			N/A	N/A
Organic Silicone			N/A	N/A
UV Inhibitor		1	N/A	N/A
Optical tracer			N/A	N/A

SECTION III PHYSICAL DATA

Boiling Range: (Degrees F) 369-471
Vapor Density: Heavier Than Air
Evaporation Rate: Slower Than Ether
Solubility in Water: Soluble

Percentage Volatile by weight:

Volatiles (%)	By Weight	By Volume
Total	72.2	72.70
Exempt VOC	60.0	59.50
Non Exempt	12.20	13.20

Weight per gallon: 8.6
Specific Gravity: 1.032 @ 60°F
Appearance: Clear Liquid
Odor: Slight Odor



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SECTION IV FIRE AND SAFETY EXPLOSION HAZARD DATA

Flammability Classification OSHA: Non Flammability
Shipping Classification D.O.T.: Other regulated material consumer commodity
Flash Point: 214 (Method T.C.C.)
UEL: 12.5% LEL: 0.6%
Flammable Levels in Air: N/A
Extinguishing Media: Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog

Unusual Fire and Explosion Hazards: Do not expose to heat or flame or store above 120° F as high internal pressures may cause leaking.

Special Fire Fighting Procedures: Full protective equipment including self contained breathing apparatus should be used, Fog nozzles should be used to cool closed containers to prevent pressure buildup. Move undamaged containers from fire area if accomplished without risk.

SECTION V HEALTH HAZARD DATA

PRIMARY ROUTE (S) OF ENTRY: Dermal, Inhalation, Ingestion

EMERGENCY AND FIRST AID PROCEDURE:

EYES: Protective splash goggles should be worn. Flush eyes with large quantities of water to speed recovery. Face subject into wind or forced air source such as fans or air conditioning outlet.

SKIN CONTACT: If this product comes in contact with the skin, wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

INHALATION: If breathing difficulties, headaches, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, person should seek air free of vapors. If person experiences continued breathing difficulties, administer oxygen until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek medical attention.

INGESTION: If this product is swallowed, DO NOT INDUCE VOMITING. Seek medical attention if nausea persists.

SECTION VI REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will Not Occur
CONDITIONS TO AVOID: Heat, open flames, electrical and static discharges.
INCOMPATIBILITY (MATERIALS TO AVOID): Water based formula may cause rusting in unlined steel containers.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbent. Wear protective equipment during clean up.

WASTE DISPOSAL: Incinerate in an approved incinerator or dispose of in accordance with Local, State and Federal Regulations.



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SECTION VIII SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved Chemical/Mechanical type filter system to remove a combination of particles, gas & vapor. Use air line if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep LEL and TLV's in Section II below recommended level to produce explosion or fire. General mechanical ventilation should comply with OSHA 1910.94.

PROTECTIVE GLOVES: Use rubber gloves.

EYE PROTECTION: Safety glasses or goggles with splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Prevent prolonged skin contact to contaminated clothing.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool dry area away from sources of ignition. When storing large quantities, store in building designed and protected against fire.

DO NOT STORE IN DIRECT SUNLIGHT OR ABOVE 120° F.

OTHER PRECAUTIONS: "FOR INDUSTRIAL USE ONLY" Do not take internally. If ingested, DO NOT INDUCE VOMITING. Consult a physician.

THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE, HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED ARE BEYOND OUR CONTROL WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. THIS INFORMATION SHOULD BE USED ONLY BY PERSONS HAVING SUFFICIENT TECHNICAL SKILL TO MAKE INFORMED JUDGEMENTS REGARDING ITS APPLICATION.