Developer 2449-2

CA8991600

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

7/84

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: Uresco Ardrox	EMERGENCY TELEPHONE NO.: (213) 773-3828 (714) 435-2821
ADDRESS (Number, Street, City, State, and ZIP Code): 10603 Midway Ave., Cerritos, CA 90701	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS: Tracer Tech D499C (DPM 2449-2)
CHEMICAL FAMILY: Developer	FORMULA

Developer

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
CAS 75092 Methylene Chloride % volume	96	100ppm
CAS 7631869 Amorphous Silica % mass	1.5	20 mppcf

under (DPM 2449-2)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Initial	104	SPECIFIC GRAVITY (H_2O=1)	1.3
VAPOR PRESSURE (mm Hg.)	340	PERCENT, VOLATILE BY VOLUME (%)	96
VAPOR DENSITY (AIR=1)	2.93	EVAPORATION RATE (_____=1)	Not Known
SOLUBILITY IN WATER Negligible			
APPEARANCE AND ODOR White powder suspended in colorless liquid (characteristic odor)			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): See section IX-None	FLAMMABLE LIMITS	LEL 14.8	UEL 22
EXTINGUISHING MEDIA: Foam, dry chemical powder, CO_2			
SPECIAL FIRE FIGHTING PROCEDURES: None			
UNUSUAL FIRE AND EXPLOSION HAZARDS: May produce toxic vapors if product involved in fire. See section VI.			

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE
Anaesthetic effects. Headaches. Nausea.

EMERGENCY AND FIRST AID PROCEDURES
Eyes-Rinse thoroughly with water then see physician. Skin-wash with soap & water. Ingestion-Do Not induce vomiting-call physician. Inhalation-remove to fresh air.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	Open flames, welding arcs.

INCOMPATABILITY *(Materials to avoid)*
None

HAZARDOUS DECOMPOSITION PRODUCTS
Thermal-hydrogen chloride and phosgene.

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use absorbent mineral granules, sand or earth to remove majority of spillage. Mop up, using a detergent, any powder remaining.

WASTE DISPOSAL METHOD
Use specialist waste disposal company. For small quantities allow solvent to evaporate outside, then sweep up powder remaining and put in trash.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
None required under normal useage conditions.

VENTILATION		SPECIAL
	LOCAL EXHAUST X	OTHER
	MECHANICAL *(General)* Yes, when product is sprayed.	

PROTECTIVE GLOVES
PVC Gloves.

EYE PROTECTION
To avoid powder in product when sprayed from entering eyes.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in a cool, dry place. Store aerosols out of direct sunlight.

OTHER PRECAUTIONS
Above information is for bulk. In spray cans add propellent material which is combination of isobutane and propane. Flash point due to propellant is minus 18°F.

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Prepared-April/83 By: Colin Smith
for Uresco Ardrox

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