

Material Safety Data Sheet

Form Number 89-250-886

SECTION 1 - PRODUCT IDENTIFICATION AND USE			
PRODUCT IDENTIFIER ARCAIR® PROTEX® EXTRA			CATALOG NUMBERS 53-xxx-500
PRODUCT USE Non-Aerosol Spray Anti-Spatter			
MANUFACTURERS NAME TWECO Products, Inc.		DISTRIBUTOR NAME	
STREET ADDRESS 4200 West Harry St. P.O. Box 12250		STREET ADDRESS	
CITY Wichita	STATE Kansas	CITY	STATE
ZIP CODE 67277	EMERGENCY PHONE # (316) 648-5129 Chemtrec 1-800-424-9300	ZIP CODE	EMERGENCY PHONE #
PREPARED BY Dennis Wilson	PHONE NUMBER (316) 942-1421	DATE PREPARED July 1989	DATE REVISED January 1996

SECTION 2 - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%/RANGE	CAS NUMBER	OSHA PEL	ACGIH TLV
*Ethanalamine	<2	141-43-5	3 ppm	3 ppm
Nonylphenoxypolyethanol	<2	9016-45-9	N.A.V.	N.A.V.
*Mineral Oil	<8	8012-95-1	5mg/M ³	5mg/M ³
(Severely hydrotreated)			(mist)	(mist)
Chlorine/Chloride	<.03/.0008	Proprietary	N.A.V.	N.A.V.
Inert Ingredients	Balance	---	N.A.P.	N.A.P.

SECTION 313. SUPPLIER INFORMATION

THIS PRODUCT DOES DOES NOT CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

CAS NUMBER	CHEMICAL NAME	%
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SECTION 3 - PHYSICAL DATA				
PHYSICAL STATE Liquid		ODOR AND APPEARANCE Slight chemical odor, pink transparent appearance		
VAPOR PRESSURE (mm Hg) N.EST.	VAPOR DENSITY (air = 1) N.EST.	EVAPORATION RATE water = 1 1	BOILING POINT (°F/C) 212°F/100°C	FREEZING POINT (°F/C) 32°F/0°C
pH 9.1	SPECIFIC GRAVITY 1.003	SOLUBILITY Miscible in water		

SECTION 4 - FIRE AND EXPLOSION DATA			
FLAMMABILITY Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> IF YES, MEANS OF EXTINCTION N.A.P.			
FLASHPOINT (°F/C) AND METHOD None	FLAMMABLE LIMIT N.A.P.	LEL N.A.P.	UEL N.A.P.
UNUSUAL FIRE AND EXPLOSION HAZARDS Non-combustible			

N.A.P.: NON APPLICABLE; N.A.V.: NOT AVAILABLE; N.EST.: NOT ESTABLISHED

N.F.P.A. RATING SYSTEM: 0 - INSIGNIFICANT; 1 - SLIGHT; 2 - MODERATE; 3 - HIGH; 4 - EXTREME

WMIS CLASSIFICATION: **CLASS "D"**
DIVISION 2
SUB-DIVISION "G"

Flammability

Health



Reactivity

Special Information

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY Yes [X] No [] IF NO, CONDITIONS TO AVOID N.AP.

INCOMPATIBILITY WITH OTHER SUBSTANCES Yes [X] No [] IF YES, WHICH ONES? May neutralize some acids

HAZARDOUS POLYMERIZATION Will Occur [] Will Not Occur [X] CONDITIONS TO AVOID N.AP.

HAZARDOUS DECOMPOSITION PRODUCTS None

SECTION 6 - HEALTH HAZARD DATA

ROUTE OF ENTRY: SKIN CONTACT [] SKIN ABSORPTION [] EYE CONTACT [X] INHALATION [X] INGESTION [X]

EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT Eye damage may occur if not treated. No adverse chronic effects known when used as recommended.

TOXICITY: Ethanolamine: Oral, Rat; LD50: 2100 Mg/Kg

CARCINOGENICITY Not Listed

SIGNS AND SYMPTOMS OF EXPOSURE Possible vision irregularities if not treated. Product is not primarily a skin irritant, but irritation may occur if improperly used.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE May aggravate existing irritation and respiratory ailments.

EMERGENCY AND FIRST AID PROCEDURES EYE CONTACT: Flush immediately with running water, obtain medical attention for possible irritation. SKIN CONTACT: Wash with water. INGESTION: Dilute with water or milk. **Do not induce vomiting**, contact physician.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURE Thoroughly flush with water to sewer.

WASTE DISPOSAL METHOD After use: (1) Ultra-filtration for sewer disposal; (2) incineration; (3) landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact with eyes or prolonged contact with skin. Prevent freezing.

OTHER PRECAUTIONS N.AP.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)
Product not volatile - normal welding protection sufficient.

GLOVES (SPECIFY) Waterproof	RESPIRATOR (SPECIFY) N.AP.	EYE (SPECIFY) Safety glasses, shield or goggles
FOOTWEAR (SPECIFY) Effective metal working - welding - cutting apparel as appropriate	CLOTHING (SPECIFY) See "Footwear"	OTHER (SPECIFY) See "Footwear"

VENTILATION:
Maintain below ACGIH TLV

LOCAL EXHAUST: As appropriate for welding/cutting

SPECIAL: N.AP.

MECHANICAL General	OTHER N.AP.
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WORK/HYGIENIC PRACTICES
Good personal hygiene should always be followed.

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES. THIS IS NEITHER AN EXPRESSED NOR IMPLIED PRODUCT SPECIFICATION. RECOMMENDED HANDLING PROCEDURES AND HYGIENE ARE BELIEVED TO BE ACCURATE, HOWEVER, THESE RECOMMENDATIONS SHOULD BE REVIEWED IN THE SPECIFIC CONTEXT OF INTENDED USE AND DETERMINED APPROPRIATE BY THE USER.