

Material Safety Data Sheet
* 89-250-447/A*

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: ARCAIR PROTEX ORIGINAL
CATALOG NUMBERS: 53-011-000, 53-015-000, 53-018-000
MANUFACTURERS NAME: TWECO Products, Inc. EMERGENCY PHONE #: (316)946-8308
STREET ADDRESS: 4200 West Harry St. P.O. Box 12250
CITY: Wichita STATE: Kansas ZIP CODE: 67277
PREPARED BY: Dennis Wilson PHONE NUMBER: (316)946-8308
DATE PREPARED: July 1989 DATE REVISED: January 4, 2000

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	%/RANGE	CAS NUMBER	OSHA PEL	NIOSH TLV
Silica	0 - 0.6	14808-60-7	as mineral dust	0.05mg/m3

SECTION 313. SUPPLIER INFORMATION

THIS PRODUCT DOES [] DOES NOT [x] 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.

CALIFORNIA PROPOSITION 65

This product contains <0.6% Silica, a chemical known to the State of California to cause cancer, birth defects and/or other reproductive harm.

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid ODOR AND APPEARANCE: Pink liquid paste, odor similar to latex paint VAPOR PRESSURE(mm Hg): N.AP. VAPOR DENSITY(air = 1): N.AP.
EVAPORATION RATE (ether = 1): Approx 0.3 pH: N.EST.
BOILING POINT(degree F/C): N.AP. SPECIFIC GRAVITY: 1.421
FREEZING POINT(degree F/C): N.EST. SOLUBILITY: SOLUBLE

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY: Yes [] No [X] IF YES, MEANS OF EXTINCTION: Does not readily burn FLASHPOINT(degreeF/C)AND METHOD: N.App. FLAMMABLE LIMIT: N.App.
LEL: N.Est. UEL: N.Est. UNUSUAL FIRE AND EXPLOSION HAZARDS: None

N.App.: NON APPLICABLE; N.AV.: NOT AVAILABLE; N.EST.: NOT ESTABLISHED
N.F.P.A. RATING SYSTEM: 0 - INSIGNIFICANT; 1 - SLIGHT; 2 - MODERATE;
3 - HIGH; 4 - EXTREME

Health=1 Flammibility=0 Reactivity=0 Special=none
WHMIS CLASSIFICATION: CLASS "D" DIVISION 2

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: Yes[X] No[] IF NO, CONDITIONS TO AVOID: N.AP.
INCOMPATIBILITY WITH OTHER SUBSTANCES: Yes [] No [X] IF YES, WHICH ONES? Will neutralize acids HAZARDOUS POLYMERIZATION: Will Occur [] Will Not Occur [X] CONDITIONS TO AVOID: N.AP. HAZARDOUS DECOMPOSITION PRODUCTS: Arc burning: CO, CO2, traces of incomplete combustion.

SECTION 6 - HEALTH HAZARD DATA

ROUTE OF ENTRY: SKIN CONTACT [X] Primary SKIN ABSORPTION []
EYE CONTACT [X] Can cause irritation INHALATION [] INGESTION []
EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT: None known SIGNS AND
SYMPTOMS OF EXPOSURE: Eye irritation MEDICAL CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES: SKIN AND EYES: Flush with quantities
of clear water. INTERNAL: Drink large quantities of milk or water. EXTERNAL:
Wash with soap and water. If discomfort persists, seek medical advice.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURE: Absorb or scrape up. Observe governmental spill
and water quality regulations. WASTE DISPOSAL METHOD: Normal handling of
liquids PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: CAUTION! CAUSES
EYE IRRITATION. Avoid contact with skin, eyes and clothing. Wash hands
thoroughly after handling.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required for product exposure, but
may be necessary during welding operations. GLOVES (SPECIFY): Butyl Rubber
RESPIRATOR (SPECIFY): See "respiratory protection" above EYE (SPECIFY):
Chemical goggles FOOTWEAR (SPECIFY): N.App. CLOTHING (SPECIFY): N.App.
OTHER: (SPECIFY): As required by your company policy
VENTILATION: See "respiratory protection" above LOCAL EXHAUST:
SPECIAL: None required MECHANICAL: See "respiratory protection" above
OTHER: N.AP. WORK/HYGIENIC PRACTICES: Normal hygiene practices

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.