

# Material Safety Data Sheet

Form Number 89-250-453/A

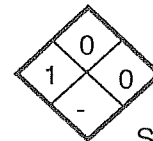
| SECTION 1 - PRODUCT IDENTIFICATION AND USE  |                                     |  |   |                                     |
|---|-------------------------------------|--|---|-------------------------------------|
| PRODUCT IDENTIFIER ARCAIR® PROTEX® CLEAR®   |                                     |  | CATALOG NUMBERS<br>53-014-201, 53-015-201 |                                     |
| PRODUCT USE Anti-Spatter Welding Aid  |                                     |  | 53-018-201                                |                                     |
| MANUFACTURERS NAME<br>TWECO Products, Inc.  |                                     | DISTRIBUTOR NAME   |   |                                     |
| STREET ADDRESS<br>4200 West Harry St. P.O. Box 12550  |                                     | STREET ADDRESS   |   |                                     |
| CITY<br>Wichita   | STATE<br>Kansas                     | CITY   | STATE                                     |                                     |
| ZIP CODE<br>67277   | EMERGENCY PHONE #<br>(316) 648-5129 | ZIP CODE   | EMERGENCY PHONE #                         |                                     |
| PREPARED BY<br>Dennis Wilson  | PHONE NUMBER<br>(316) 942-1421      | DATE PREPARED<br>June 1989   | DATE REVISED<br>January 1996              |                                     |
| SECTION 2 - HAZARDOUS INGREDIENTS   |                                     |  |   |                                     |
| HAZARDOUS INGREDIENTS   | %/RANGE                             | CAS NUMBER   | OSHA PEL                                  | ACGIH TLV                           |
| The major components of Protex Clear are not included in any known list as hazardous materials, and the minor components are well below the Federally defined percentages required for disclosure.  |                                     |  |   |                                     |
| SECTION 313. SUPPLIER INFORMATION   |                                     |  |   |                                     |
| THIS PRODUCT DOES <input type="checkbox"/> DOES NOT <input checked="" type="checkbox"/> 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  |   | %                                   |
| THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THIS PRODUCT.  |                                     |  |   |                                     |
| SECTION 3 - PHYSICAL DATA   |                                     |  |   |                                     |
| PHYSICAL STATE Semi-solid   |                                     | ODOR AND APPEARANCE White liquid paste, odor similar to latex paint. |   |                                     |
| VAPOR PRESSURE<br>mm Hg N.AP.   | VAPOR DENSITY<br>(air = 1) N.AP.    | EVAPORATION RATE<br>less than ether                                  | BOILING POINT (°F/C)<br>N.AP.             | FREEZING POINT (°F/C)<br>13°F/-10°C |
| pH None   | SPECIFIC GRAVITY 1.003              | SOLUBILITY Soluble   |   |                                     |
| SECTION 4 - FIRE AND EXPLOSION DATA   |                                     |  |   |                                     |
| FLAMMABILITY Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> IF YES, MEANS OF EXTINCTION N.AP.  |                                     |  |   |                                     |
| FLASHPOINT (°F/C) AND<br>METHOD N.AP.   | FLAMMABLE LIMIT<br>N.AP.            | LEL<br>N.Est.  | UEL<br>N.Est.                             |                                     |
| UNUSUAL FIRE AND EXPLOSION HAZARDS None   |                                     |  |   |                                     |

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

Flammability

Health



Reactivity

Special Information

**SECTION 5 - REACTIVITY DATA**CHEMICAL STABILITY Yes  No  IF NO, CONDITIONS TO AVOID N.AP.INCOMPATIBILITY WITH OTHER SUBSTANCES Yes  No  IF YES, WHICH ONES? Alkaline material neutralizesHAZARDOUS POLYMERIZATION Will Occur  Will Not Occur  CONDITIONS TO AVOID N.AP.HAZARDOUS DECOMPOSITION PRODUCTS Flame or welding arc: CO, CO<sub>2</sub>, incomplete combustion traces**SECTION 6 - HEALTH HAZARD DATA**ROUTE OF ENTRY: SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  Primary INHALATION  INGESTION 

EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT May irritate eyes. Prolonged exposure may cause hypersensitivity

CARCINOGENICITY Not Listed

SIGNS AND SYMPTOMS OF EXPOSURE Slight tingling sensation of eyes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None Known

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

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

LEAK AND SPILL PROCEDURE Absorb or scrape up. Vacuum.

WASTE DISPOSAL METHOD Observe governmental spill and water quality regulations

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING May cause eye irritation. Keep from freezing.

OTHER PRECAUTIONS Avoid splashing into eyes

**SECTION 8 - CONTROL MEASURES**RESPIRATORY PROTECTION (SPECIFY TYPE)  
Recommended during normal use. May be required during some welding operations.GLOVES (SPECIFY)  
Butyl RubberRESPIRATOR (SPECIFY)  
See "Respiratory Protection"  
aboveEYE (SPECIFY)  
Goggles or Safety GlassesFOOTWEAR (SPECIFY)  
N.AP.CLOTHING (SPECIFY)  
N.AP.OTHER (SPECIFY)  
N.AP.

VENTILATION: See "Respiratory Protection" above

LOCAL EXHAUST: See "Respiratory Protection" above

SPECIAL: N.AP.

MECHANICAL  
See "Respiratory Protection" aboveOTHER  
N.AP.WORK/HYGIENIC PRACTICES  
Normal good hygiene

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.