

Material Safety Data Sheet
ZLB

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: 1Z-L, 8Z-L, 5B-L
CATALOG NUMBERS: 99001123, 99001124, 99001125
PRODUCT USE: Shaft Lubricant & Electrical Joint Compound
MANUFACTURERS NAME: Acheson Colloids Co. PHONE #: (810) 984-5581
STREET ADDRESS: PO Box 77000 Dept. 771226
CITY: Detroit STATE: Michigan ZIP CODE: 48277-1226
DISTRIBUTORS 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: October 31, 1990 DATE REVISED: January 31, 2002

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%/RANGE	CAS NUMBER	OSHA PEL	ACGIH TLV
Graphite(natural)	30	7782-42-5	15mppcf	2.5mg/m3
Mineral Oil	62+	8012-95-1	5 mg/m3	5 mg/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.

CAS NUMBER	CHEMICAL NAME	%
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SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid ODOR AND APPEARANCE: Black Paste With Mineral Oil
Odor VAPOR PRESSURE(mm Hg): N.Av. VAPOR DENSITY(air=1): N.Av.
EVAPORATION RATE: N.Av. BOILING POINT(F/C): >600F FREEZING POINT(F/C): N.Av.
pH: N.Av. SPECIFIC GRAVITY: 0.9 SOLUBILITY: Negligible

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY: Yes [X] No [] IF YES, MEANS OF EXTINCTION: Foam, CO2, Dry
Chemical FLASHPOINT(F/C) AND METHOD: 450F C.O.C. FLAMMABLE LIMIT: N.Av.
LEL: N.Av. UEL: N.Av. 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 Flammability = 1 Reactivity = 0 Special = _
WHMIS CLASSIFICATION: CLASS "D" DIVISION 2 SUB-DIVISION "B"

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: Yes [X] No [] IF NO, CONDITIONS TO AVOID
INCOMPATIBILITY WITH OTHER SUBSTANCES: Yes [X] No [] IF YES, WHICH
ONES? May react vigorously with oxidizing materials
HAZARDOUS POLYMERIZATION: Will Occur [] Will Not Occur [X]
CONDITIONS TO AVOID: None known HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2

SECTION 6 - HEALTH HAZARD DATA

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

EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT: Irritation of the eyes,
Dermatitis CARCINOGENICITY: No SIGNS AND SYMPTOMS OF EXPOSURE: Irritation
of the skin and eyes MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Pre-existing skin disorders EMERGENCY AND FIRST AID PROCEDURES: SKIN: Wash
thoroughly with soap and water EYES: Flush immediately with water for
15 minutes, get medical attention. INGESTION: No ill effects expected
INHALATION: No ill effects expected

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURE: Remove any source of ignition, scoop up as much as
possible, cover remainder with absorbent material & place in non-leaking
container for disposal. WASTE DISPOSAL METHOD: Dispose of in accordance with
Federal, State & Local regulations
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from sparks, open
flames, or excessive heat

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Not needed for this product. As required for cutting
and welding. GLOVES: Oil resistant RESPIRATOR: not needed EYE: Safety
or chemical goggles FOOTWEAR: N.App. CLOTHING: As required for welding
OTHER: N.Est.
VENTILATION: Not normally needed WORK/HYGIENIC PRACTICES: Normal Hygiene

REFERENCES:

"Chemical Guide To OSHA Hazard Communication Standard" First Edition
"Handbook Of Toxic And Hazardous Chemicals and Carcinogens" Second Edition
"Registry Of Toxic Effects Of Chemical Substances"
"NIOSH Pocket Guide to CHEMICAL HAZARDS" June 1994

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.