



MATERIAL SAFETY DATA SHEET
U.S. Department of Labor
Occupational Safety & Health Administration

POLAJOINT SUPER (PART B)

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057
TELEPHONE: (856) 786-6900 or emergency (800) 424-9300 (CHEMTREC)
TRADE NAME: Polajoint Super Part B
CHEMICAL FAMILY: Hydroxyl Functional Polymer Blend

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Irritating to eyes and skin. May cause sensitization by skin contact. May be toxic to fish. Not biodegradable; potential to bioaccumulate.

Effects of Overexposure:

SKIN: May irritate skin.

EYES: Contact may cause severe damage; vapor may irritate.

BREATHING: Inhalation may cause headache, dizziness, nausea and irritation. May cause respiratory distress.

SWALLOWING: Harmful or fatal if swallowed.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Polyester Polyol	8002-05-9	10	
Polybutene	8042-47-5	19	
Ethylene Hydroxy Functional Polymer	100-42-5	34	
Cyclic Hindered Phenylamine Antioxidant Blend	6683-19-8/84633-54-5	2	
Iron Oxide	1309-37-1	26	
Calcium Silicate	1344-95-2	9	

CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID MEASURES

SKIN: Clean thoroughly with pumice-based hand cleaner, followed by soap and water.

EYES: Flush with plenty of water and seek medical attention immediately.

BREATHING: Remove to fresh air. If asthmatic conditions occur, call a physician.
SWALLOWING: Do NOT induce vomiting. Seek immediate medical attention.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) : 305°F Closed Cup (ASTM D50).
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Dry chemical; CO₂; water-spray; foam.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must be equipped to prevent breathing of vapors or products of combustion - must wear self-contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS: Avoid moisture contamination in closed containers.

SECTION 6 – SPILL OR LEAK PROCEDURES

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined under Section 8 below. Avoid contact with eyes, skin or clothing.

SECTION 7 – HANDLING & STORAGE

Avoid prolonged or repeated contact with skin. Do not use in confined areas without adequate ventilation.

SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined spaces, use air hood or NIOSH certified organic vapor canister unit.
EYE PROTECTION: Safety goggles or face shield.
SKIN PROTECTION: Nitrile rubber gloves.
OTHER PROTECTIVE EQUIPMENT: Coveralls and/or rubber apron, rubber shoes or boots.
PERSONAL HYGIENE: Wash thoroughly after application.

SECTION 9 - PHYSICAL DATA

BOILING POINT (F)	350°	SPECIFIC GRAVITY (H2O=1)	1.31
VAPOR PRESSURE	0.011	PERCENT, VOLATILE BY VOLUME	0.1
VAPOR DENSITY (AIR=1)	ND	EVAPORATION RATE (N.B.A.=1)	Zero
SOLUBILITY IN WATER	Insoluble (reacts)	pH (5% slurry)	7.0

APPEARANCE & ODOR - Black liquid with soap-like odor.

SECTION 10 - REACTIVITY DATA

STABILITY: Stable.
INCOMPATIBILITY (MATERIALS TO AVOID): None
HAZARDOUS DECOMPOSITION PRODUCTS: Possible HCN.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None

SECTION 11 – TOXICOLOGICAL INFORMATION

See reference data for individual components.

SECTION 12 – ECOLOGICAL INFORMATION

See reference data for individual components.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal environmental regulations/absorb with sand.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Paint

HAZARD CLASS: None

PACKING GROUP: N/A

ID#: N/A

RQ: N/A

TRANSPORT LABELS REQUIRED: This material is not regulated by the D.O.T.

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	H

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DATE ISSUED: OCTOBER 2007

