



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

NW 'Z' GRADE

SECTION 1 – IDENTIFIER

MANUFACTURER: Andek Corporation
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057
TELEPHONE: (856) 786-6900 or emergency (800) 424-9300 (CHEMTREC)
TRADE NAME: Polarroof NW Z Grade
CHEMICAL FAMILY: Ethylene-Styrene Copolymer Solution

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Particulates, ashes and soot may be emitted during burning or incomplete combustion. Closed container may rupture under extreme heat.

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.

SWALLOWING: Harmful or fatal if swallowed.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %
Barium Sulfate	7727-43-7	20.0
Titanium Dioxide	13463-67-7	3.0
Aluminum Silicate	1344-95-2	0.8
Cyclic Hindered Phenylamine Antioxidant Blend	6683-19-8/84633-54-5	0.2
Naptha, Light Aromatic Solvent	64742-95-6	45.0
White Mineral Oil	8042-47-5	6.0
Ethylene-Styrene Copolymer	100-42-5	20.0

KNOWN 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.

BREATHING: Move victim to fresh air.

SWALLOWING: Do NOT induce vomiting. Seek medical attention immediately.

SECTION 5 - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 108°F. Closed Cup (ASTM D50).

FLAMMABLE LIMITS: Lel 0.9; Uel 6.0

EXTINGUISHING MEDIA: Carbon dioxide; dry chemical; foam.

SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained respiratory equipment and full protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire). Water can be used to cool the exterior of the containers.

DECOMPOSITION PRODUCTS: Carbon (soot) and ash from incomplete combustion.

SECTION 6 - SPILL OR LEAK PROCEDURES

Cover with a layer of sand or suitable material. Use protective measures as outlined under Section VIII 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 fresh 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 use.

SECTION 9 - PHYSICAL DATA

BOILING POINT (F)	312°	SPECIFIC GRAVITY (H2O=1)	0.91
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	45
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (N.B.A.=1)	0.2
SOLUBILITY IN WATER	Insoluble	pH (5% SLURRY)	Neutral

APPEARANCE & ODOR - Opaque, viscous liquid with rubbery odor.

SECTION 10 - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Sparks, open flame and strong oxidizers.

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 regulations.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Paint

HAZARD CLASS: 3

PACKING GROUP: III

ID #: UN 1263

RQ: None

TRANSPORT LABELS REQUIRED: Flammable liquid. (In the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.)

SECTION 15 - REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 - OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	G

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