

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

POOLPAD

Section I - MANUFACTURER AND PREPARATION INFORMATION

MANUFACTURER

Research Products Corporation
10 15 East Washington Avenue
Madison, WI 53703

EMERGENCY TELEPHONE NUMBER

(608) 257-880 1

TELEPHONE NUMBER FOR INFORMATION

(608) 257-8801

PREPARED BY

Engineering Staff

DATE PREPARED

December, 1992

REVISED

July, 1998

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS

(SPECIFIC IDENTITY; COMMON NAME(S))

OSHA PEL

ACGIH TLV

CAS

ID#

% (by weight)

Free Formaldehyde

3 PPM

1 PPM(1985ED.)

50-00-0

<0.1

Copper-8 Quinolinolate

None

None

10380-28-6

<0.1

Nonionic Surfactant

None

None

9036-19-5

<0.1

Polyethylene

None

(1)

9002-88-4

N/A

Titanium Dioxide Concentrate

None

10 mg/m³ (2)

13463-67-7

1-3

(1) Polyethylene film is a thin film made from ethane, homopolymer. In the solid state, it is not a hazardous material. In the molten state, normal precautions for a hot, viscous material (in limited quantities) should be exercised.

(2) 1985-86 ACGIH TLV-TWA for nuisance particulate.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT

N/A

SPECIFIC GRAVITY (H₂O = 1)

N/A

VAPOR PRESSURE (mm Hg.)

N/A

MELTING POINT

N/A

VAPOR DENSITY (AIR = 1)

N/A

EVAPORATION RATE (BUTYL ACETATE = 1)

N/A

SOLUBILITY IN WATER

Nonionic Surfactant is readily soluble

APPEARANCE AND ODOR

Paper Mesh, Green, Odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)

Polyethylene - 646°F (341 °C)

FLAMMABLE LIMITS

Nonflammable

LEL

N/A

UEL

N/A

Paper - decomposes above 450°F (232°C)

Surfactant 555°F (290°C) (ASTM D 92)

EXTINGUISHING MEDIA

Water, multipurpose dry chemical, foam, or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Positive pressure, self-contained breathing apparatus in closed space. Fire fighters should wear self-contained breathing apparatus.

USUAL FIRE AND EXPLOSION HAZARDS Dense smoke emitted when burned without sufficient oxygen, formaldehyde may be generated in a fire, hazardous melting and dripping may occur at high temperatures. Carbon dioxide/monoxide emitted (surfactant).

SECTION V - REACTIVITY DATA

<u>STABILITY</u>	Unstable		<u>CONDITIONS TO AVOID</u> Fire or extreme heat.
	Stable	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Acids and bases will destroy the paper structure.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon, CO, CO₂, and organic vapors released during thermal decomposition. At 572°F combustible gases released, formaldehyde fumes released when heated or burned.

<u>HAZARDOUS POLYMERIZATION</u>	May Occur		<u>CONDITIONS TO AVOID</u> N/A
	Will Not Occur	X	

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

Inhalation - Smoke possibly toxic.

Skin - Possible irritant.

Ingestion - May cause abdominal discomfort (consumption unlikely)

Eyes- May cause irritation, tearing, excess blinking, redness and possible swelling during product manufacture, none under Normal use and handling.

HEALTH HAZARDS 9ACUTED AND CHRONIC]

Acute - N/A

Chronic - N/A

CARCINOGENICITY

NTP - Suspected. See NTP Annual Report.

IARC Monographs - See IARC - on formaldehyde for paper (otherwise none).

OSHA Regulated - Yes

FORMALDEHYDE

Positive animal, indefinite human, copper-8 quinolinolate suspected animal.

SIGNS AND SYMPTOMS OF EXPOSURE

None under normal use. Upon heating formaldehyde fumes can affect breathing.

MEDICAL CONDITIONS

Generally aggravated by exposure. None under normal use. When heated, persons with impaired pulmonary function at risk when **exposed** to fumes.

EMERGENCY AND FIRST AID PROCEDURES

Eyes - Wash or immerse affected area with water.

Skin - Wash or immerse affected area in water.

Inhalation - Remove to fresh air and artificial respiration to restore breathing if overexposed to formaldehyde fumes. Obtain medical attention.

Ingestion - Give water, obtain medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

May be handled as normal solid waste.

WASTE DISPOSAL METHOD

Incinerate or land **fill** in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Leather or rubber gloves to protect hands from cuts; goggles to protect eyes from cuts, dust, or fibers. Store in cool, dry, well ventilated area.

OTHER PRECAUTIONS

None

SECTION VIII - CONTROL MEASURES

<u>RESPIRATORY PROTECTION (SPECIFY TYPE)</u> NIOSH Approved respirator for formaldehyde. <u>VENTILATION</u>	<u>LOCAL EXHAUST</u> Local or general.	<u>SPECIAL</u> N/A
	<u>MECHANICAL (GENERAL)</u> Exhaust for fumes buildup.	<u>OTHER</u> N/A

PROTECTIVE GLOVES

Leather or rubber (PVC coated), used at time of product manufacture, consumer handling.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Eye Bath at place of product manufacture.

WORK/ HYGIENIC PRACTICES

Check storage and work areas for proper ventilation.

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