

MATERIAL SAFETY DATA SHEET

IDENTITY

RP Super Filter Coat #418

SECTION I - MANUFACTURER AND PREPARATION INFORMATION

MANUFACTURER Research Products Corporation 1015 East Washington Avenue Madison, WI 53703	EMERGENCY TELEPHONE NUMBER (608)257-8801
	TELEPHONE NUMBER FOR INFORMATION (608)257-8801
PREPARED BY Jim Enright, Product Engineer	DATE PREPARED November, 1992

SECTION II - INGREDIENTS/IDENTITY INFORMATION

<u>COMPONENTS</u>	<u>CAS.#</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	
			<u>RECOMMENDED</u>	<u>% (OPTIONAL)</u>
Soluble Hydrocarbon Oil	N/A	5 mg/m ³	5 mg/m ³ (PEL)	58
1, 1, 1 - Trichloroethane	7-55-6	350 ppm	450 ppm	26
Polyethylene	9002-88-4	N/A	N/A	1
Methyl Paraben	99-76-3	N/A	N/A	<1
Propellants: Propane	74-98-6	N/A	1000ppm	7
Isobutane	75-28-5	N/A	N/A	7

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT Propellants: -49 to 14°F Product: N/A	SECIFIC GRAVITY (H₂O = 1) 0.94
VAPOR PRESSURE (mm Hg.) N/A	MELTING POINT N/A
VAPOR DENSITY Propellants: 1.5 - 2.0 (AIR = 1) Product: N/A	EVAPORATION RATE (BUTYL ACETATE = 1) N/A
SOLUBILITY IN WATER Completely water soluble.	
APPEARANCE & ODOR Amber-colored grease - bland odor.	ODOR THRESHOLD N/A

SECTION IV - FIRE & EXPLOSION HAZARD DATA

NFPA

RATING: 2

FLASH POINT Propellants: -156°F (METHOD USED) Product: +355°F COC	FLAMMABLE LIMITS N/A	LEL 1.9	UEL 8.5
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EXTINGUISHING MEDIA

"B" Class Extinguisher.

SPECIAL FIRE FIGHTING PROCEDURES

Handle as hydrocarbon oil. Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapors and fumes.

UNUSUAL FIRE & EXPLOSION HAZARDS

Do not puncture or incinerate aerosol containers. Contents under pressure. Do not exceed 120°F. Sensitivity to static discharge: N/A

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong caustics, strong oxidizers, aluminum and magnesium powders, sodium or potassium metal.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon monoxide, sulfur oxide, hydrochloric acid, and phosgene may develop in a fire.

MATERIAL SAFETY DATA SHEET - RP SUPER FILTER COAT #418

PAGE 2

SECTION V - REACTIVITY DATA - CONTINUED

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VI - HEALTH HAZARD DATA

NFPA

RATING: 2

ROUTE(S) OF ENTRY:	INHALATION? Avoid breathing vapors or fumes.	SKIN? Avoid contact with eyes and skin	INDGESTION? Do not swallow.
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HEALTH HAZARDS (ACUTE & CHRONIC)

Acute effects of overexposure are headaches, dizziness, and eye irritation. Chronic exposure to trichloroethane has been associated with dermatitis.

CARCINOGENIC: No	OSHA REGULATED: No	MUTAGEN: No
TERATOGEN: No	REPRODUCTIVE TOXIC: No	SYNERGISTIC PRODUCTS: N/A
IRRITANCY: Irritant to eyes	SENSITIZATION: N/A	

SIGNS & SYMPTOMS OF EXPOSURE

Swallowing may cause vomiting or diarrhea. Can affect central nervous system (see above).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Asthmatics may experience breathing difficulties. Skin conditions such as dermatitis.

EMERGENCY & FIRST AID PROCEDURES

Get to fresh air if inhaled. If contact is made with eyes, immediately and thoroughly flush with water. If contact is made with skin, thoroughly wash with soap and water. If swallowed, do not induce vomiting; call physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Treat as water soluble hydrocarbon oil - flush with water.

WASTE DISPOSAL METHOD

Handle as local codes dictate. Do not puncture or incinerate aerosol containers.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Do not freeze or subject to high temperatures. Store at 60°F - 90°F. Do not handle or store near heat, sparks, flame, or strong oxidants.

OTHER PRECAUTIONS

N/A

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)

Use air supplied respiratory protection in confined or enclosed spaces.

VENTILATION

LOCAL EXHAUST

Use in well-ventilated area.

SPECIAL

Provide greater than 60 fpm hood or face velocity for confined spaces.

MECHANICAL
(GENERAL)

N/A

OTHER

N/A

PROTECTIVE GLOVES

If needed to avoid prolonged skin contact.

EYE PROTECTION

Use goggles or face shield when eye contact may occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use chemical-resistant apron or other clothing if needed to avoid prolonged skin contact.

WORK/HYGIENIC PRACTICES

See above.

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