PermaDri INCORPORATED

BRUSH GRADE

RUBBER COAT

Rubber Coat® is a modified elastomeric asphalt emulsion specifically formulated for application by brush, squeegee or roller. **Rubber Coat®** is a cold applied, single component product that yields a membrane with excellent strength, elasticity and adhesion. **Rubber Coat®** is an environmentally friendly waterproofing product that can be applied indoors and outdoors with conventional protective equipment. *See below

FREE OF FLAMMABLE SOLVENTS · NON-TOXIC, ODORLESS, WATER BASED EXCELLENT STRENGTH, ELASTICITY & ADHESION

PROPERTY	TYPICAL RESULTS
Specific gravity (liquid) g/cm³	Approx. 1.0
Odor	None
VOC	Contains no solvents
Color	Brown to black
% solids (wt)	53-58
Viscosity, Brookfield, sp. #5, 20 rpm	8000-9000
pH	10-12

Performance (Cured Membrane)

PROPERTY	TYPICAL RESULTS
Color	Black
Specific gravity, g/cm³	Approximately 1.0
Chemical resistance	Resistant to most inorganic solutions. Not recommended for gasoline or other petroleum products. Consult Chemical Resistance chart for further information.
Biological resistance ASTM E 154, ASTM 0412	Passed (> 90% original value)
Impact resistanceCSB37-GP-500 23ºC, in-lbs	Passed (168)
Water tightness after impact	Passed (no leakage)
Water tightness CGSB 37-GP-56	Zero Leakage
Tensile strength ASTM 0412, psi	90
Elongation, %	850
Accelerated weathering, ASTM G 155,0 412	Passed (No deterioration of film)
Tensile strength	Passed (> 90% original value)
Hardness, Ourometer Type 00	85-87
Salt Fog Corrosion, Steel ASTM D412	1000 hours passing
SurfaceCorrosion ASTM D610	No Corrosion after 500 hours, 0.03% after 1000 hours
Adhesion to concrete ASTM C907	111 PSI
Hardness ASTM D2246	50 Type A
Puncture resistance CGSB 37-GP-56	No perforations
Water Vapor Transmissions ASTM E96	0.04

APPLICATION

Rubber Coat® is a water-based, environmentally safe alternative to conventional hot-applied, solvent based and sheet membrane waterproofing systems. Since Rubber Coat® cures by evaporation, a minimum application temperature of min. 40ºF (4.5ºC) is required. Apply in thin coats. The product cures within 24-48 hours at 70ºF (21ºC) and 50% relative humidity, at a thickness of 40 mils (1mm).

For best results, surfaces must be dry and free of dirt, debris, oil or grease. Application is not recommended if rain is imminent, or in high humidity environments.

Rubber Coat® is applied between 20-30 ft²/gal (0.3-0.7 m²/litre) to produce a 40-60 mil (1-3 mm) protective membrane. Rubber Coat® dries to the touch within minutes at 70ºF (21ºC). Curing time will vary depending on temperature and relative humidity.

LIMITATIONS

*Rubber Coat® is mildly alkaline. When applying this product observe appropriate safety precautions, wear gloves, eye protection and other suitable protective equipment. For further information please consult the product MSDS.

Rubber Coat® should not be applied when the ambient temperature is below 40ºF (4.5ºC). The uncured membrane may be damaged if frozen. Some surface base coats, such as coal tar are unsuitable for use with Rubber Coat.®

CAUTION

For industrial use only. Keep out of reach of children. Avoid storage below 40ºF (4.5ºC). Please consult the MSDS before using Rubber Coat.®

TECHNICAL SERVICE:
559-275-9620 | 800-279-5604

NON-TOXIC NO VOC

BRUSH GRADE

RUBBER COAT

MSDS MATERIALS SAFETY DATA SHEET

Supplier: PermaDri, Incorporated 4595 West Jacquelyn Ave., Fresno, CA 93722 • **Phone:** 559-275-9620 • 800-279-5604 • **Fax:** 559-275-9629

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS OR THE TRANSPORTATION DANGEROUS GOODS REGULATIONS

SECTION I MATERIAL IDENTIFICATION

TRADE NAME: Rubber Coat® • **EMERGENCY TELEPHONE #:** 559-275-9629

CHEMICAL FAMILY: Water suspension of petroleum derived hydrocarbons (polymer modified emulsified asphalt) and inert fillers.

MATERIAL USE: Protective Coating • **T.D.G. CLASSIFICATION:** NON REGULATED • **WHIMIS CLASSIFICATION:** NON REGULATED

SECTION II HAZARDOUS INGREDIENTS

COMPONENT	CAS#	%(BYMASS)	LC50 (ppm) (rat inhal)	LD50 (mg/kg) (rat oral)
Complex mixture of bitumens	n/a	40-70	n/a	n/a
Anionic surfactants	n/a	0.5-2.0	n/a	n/a
Water	7732-18-5	30-60	n/a	n/a
Polymer		5-25	n/a	n/a

SECTION III PHYSICAL PROPERTIES

Odor and appearance: Viscous brown liquid, slight resinous petroleum odor. • **Odor threshold:** n/a • **Specific gravity:** 1.00 (approx.).

Coefficient of water/oil distribution: n/a • **Vapor pressure (mm Hg):** 17 @20ºC (water) • **Boiling point:** 100ºC (water) • **Freezing point:** 0ºC

pH: 7-13 • **Vapor density (air = 1):** > 1 • **Evaporation rate (nBuAcetate = 1):** <1 • **Volatiles %:** 30-60 (water) • **Solubility in water:** partially soluble

SECTION IV FIRE & EXPLOSION DATA

Means of extinction: n/a • **Sensitivity to mechanical impact/static discharge:** n/a • **Flash point (method):** n/a (non-combustible)

Upper flammable limits %: n/a • **Lower flammable limits %:** n/a • **Autoignition temperature:** n/a • **Special fire fighting instructions:** n/a

Unusual fire and explosion hazards: Product will not burn but may splatter if temperature exceeds the boiling point.

SECTION V REACTIVITY DATA

Chemical stability: Stable • **Incompatible materials:** Will react with alkaline sensitive materials such as acids and certain metals. Contact with reactive metals such as aluminum or magnesium will result in the formation of explosive hydrogen gas.

Hazardous decomposition products: Avoid heating about 200ºC. At elevated temperatures hazardous vapors can be released, including carbon monoxide, hydrogen chloride, organic acids and aldehydes. • **Hazardous polymerization:** Will not occur.

SECTION VI HEALTH INFORMATION

Exposure limit: n/a • **Inhalation:** n/a • **Skin:** adhesion • **Eyes:** adhesion, irritation. • **Ingestion:** Blockage of digestive and/or respiratory tract.

Chronic effects: n/a

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: n/a

Skin: This is an alkaline product. If splashed on the skin immediately wash thoroughly with fresh water. If the product has dried on the skin massage the area with medical grade mineral oil, baby oil or edible oil, then wash with soap and water. If irritation persists seek medical attention.

Eyes: Flush thoroughly with fresh water for at least ten minutes. Seek medical attention.

Ingestion: DO NOT INDUCE VOMITING. Seek medical attention.

SECTION VII SPILL PROCEDURES

In the event of a spill: Dike and contain, transfer to containers for recovery or disposal. Keep out of sewers.

Waste disposal method: Follow federal, provincial and local regulations regarding disposal.

SECTION VIII SPECIAL PROTECTION

Respiratory protection: n/a • **Ventilation:** n/a • **Protective gloves:** Recommended • **Eye protection:** safety glasses/splash goggles recommended

Other protective equipment: Long sleeves, loose clothing recommended.

SECTION IX SPECIAL PRECAUTIONS

Storage and handling conditions: Keep containers tightly closed when not in use. KEEP FROM FREEZING.

Special shipping information: Not regulated by the Transportation of Dangerous Goods Regulations.

Prepared by: PermaDri, Incorporated • **Preparation date:** 04/10/07