

MATERIAL SAFETY DATA SHEET

May 15, 2012

SECTION I – COMPANY AND PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: Tibbetts Newport Corp.
STREET ADDRESS: 2337 S. Birch Street, Santa Ana, CA 92037
EMERGENCY TELEPHONE #: 714/546-6661

PRODUCT CLASS: **Elastomeric Roof Coating**
PRODUCT NAME: **PERMAROOF**
PRODUCT NUMBER: **406**
COLOR: **WHITE**

Hazardous Materials Identification System

(0 = none to 4=extreme)

Health 1
Flammability 0
Reactivity 0
Maximum Personal Protection E – See Section VIII

SECTION II – HAZARDOUS INGREDIENTS /EXPOSURE LIMIT

-----NO MERCURY, NO LEAD, NO E.G -----

<u>INGREDIENT</u>	<u>WT.%</u>	<u>CAS #</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>	<u>mm Hg - Temperature</u>
Water	45 - 50	7732-18-5	N/A	N/A	17 - 68 F
Propylene Glycol	0.4 - 1.0	57-55-6	N/A	N/A	0.22 - 68 F
Styrene Acrylic polymer	15 - 20	Mixture	N/A	N/A	17 - 68 F
Titanium Dioxide	7 - 10	13463-67-7	10 mg/m3	10 mg/m3	N/A
Limestone	30 - 40	13117-65-3	5 mg/m3	10 mg/m3	N/A
Zinc Oxide	1 - 2	1314132	10 mg/m3	10 mg/m3	N/A
Benzophenone	0.1 - 0.3	119-61-9	N/A	N/A	N/A
Mineral Spirits	0.5 - 0.8	8052-41-3	100 PPM	100 PPM	3.4 - 68 F

Contains toxic chemicals subject to the reporting requirements of S.A.R.A. Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR 372. A CERCLA Hazardous Substance and Hazardous Air Pollutant. Also they are listed on the TSCA inventory.

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT: 212 degrees F
VAPOR DENSITY: Lighter than Air
EVAPORATION RATE: Slower than Ether
WEIGHT PER GALLON: 11.2
SOLUBILITY IN WATER: Yes
APPEARANCE & ODOR: White viscous liquid and mild odor
COATING V.O.C.: 43 Grams/Liter
MATERIAL V.O.C.: 20 Grams/Liter

SECTION IV - FIRE & EXPLOSION HAZARD DATA

DOT Category:	Non-Combustible (Aqueous System)
FLASH POINT:	N/A
FLAMMABLE LIMITS IN AIR BY VOLUME:	1. Lower explosion level - N/A 2. Upper explosion level - N/A
EXTINGUISHING MEDIA:	Water Fog, CO2, Dry Chemical
USUAL FIRE & EXPLOSION HAZARD:	Closed containers exposed to extreme heat may explode due to build up of steam pressure.
SPECIAL FIRE FIGHTING PROCEDURES:	Follow recommended procedures in handling fire areas. Wear fire fighting equipment and a self contained breathing apparatus.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Elevated temperatures and build up of vapors. Heat, sparks and open flame.
MATERIALS TO AVOID: Oxidizer, acid and bases
HAZARDOUS DECOMPOSITION PRODUCTS:
Burning or decomposing film may give off carbon dioxide and or carbon monoxide.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged over exposure to the product's vapor or mist can cause nausea, headache, and irritation to nose, throat, and lungs. Without proper personal protection equipments, the person exposed to spray mist for long time period has possible cancer hazard because this product contains material which may cause cancer based on animal data.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Wash with soap and water. Remove contaminated clothing. Wash with copious amounts of water to rinse the product away.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Flush with fresh water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, seek medical attention.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May be harmful if swallowed. Ingestion may cause nausea, vomiting, diarrhea, and gastrointestinal irritation. Consult physician, emergency center or poison center.

HEALTH HAZARDS (ACUTE & CHRONIC): None expected.

CARCINOGENICITY: NTP? no. IARC MONOGRAPHS? No. OSHA REGULATED? No.

MEDICAL CONDITIONS AND AGGRAVATED BY EXPOSURE: Overexposure to vapors or mist can cause headache, nausea or dizziness.

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EMERGENCY & FIRST AID PROCEDURES

SKIN:	Clean with soap and water.
INGESTION:	Consult a physician.
INHALATION:	Remove to fresh air.
EYE:	Flush with water. Consult a physician.

SECTION VII - ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Pick up immediately and safely discard absorbents. In the event of large spills, dike the area and pump the material to a nearby permitted waste tank in accordance with current regulations.

WASTE DISPOSAL METHOD: Dispose in accordance with current local, state and federal regulations governing latex based paint.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use with adequate ventilation. Avoid prolonged breathing of vapor or skin contact. Keep away from excessive heat.

OTHER PRECAUTIONS: Avoid all sources of heat.

SECTION VIII – PERSONAL PROTECTION EQUIPMENT AND EXPOSURE CONTROL METHODS

RESPIRATORY PROTECTION

Use only with adequate ventilation. Provide adequate fresh air entry, if not wear the proper respiratory protection. If ventilation is inadequate, use an organic vapor/particulate respirator approved by NIOSH/MSHA for spray/mist vapors. When sanding a dried coating film use a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated.

VENTILATION

Local exhaust preferable.

If in confined areas, use mechanical ventilation to keep vapor concentration under permissible TLV and LEL.

PROTECTIVE GLOVES

Neoprene or non-soluble plastic, if need to reduce the effects of skin overexposure..

EYE PROTECTION

Splash resistant and spray mist protection required. Use splash goggles or safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Clothing adequate to protect skin. Remove and wash before reuse.

Eye wash, safety shower.

WORK/HYGIENIC PRACTICES

Normal industrial hygienic practices should be followed. Wash hands before eating, smoking or using the washroom.

SECTION IX – TRANSPORT INFORMATION

U.S. Department of Transportation

Not regulated (Water based material – protect from freezing)

SECTION IX - DISCLAIMER

NOTICE: To the best of our knowledge, this information is accurate. However, we do not guarantee its accuracy and cannot be liable for any damages actual and consequential which might result from reliance thereon.