

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 92707
EMERGENCY TELEPHONE #: 714/546-6661

PRODUCT CLASS: **Alkyd, Solvent Based Primer**
NAME: **RUSTLESS INDUSTRIAL ALKYD PRIMER**
PRODUCT NUMBER: **7481**
COLOR: **Black**

Hazardous Materials Identification System

(0 = none to 4=extreme)

Health 1
Flammability 2
Reactivity 0
Maximum Personal Protection X – See Section VIII

SECTION II – COMPOSITION INFORMATION AND EXPOSURE LIMIT

----- NO MERCURY, NO LEAD -----

Hazardous Components	CAS #	OSHA / PEL	ACGIH / TLV	mm HG @Temp Vapor Pressure	Weight %
Mineral Spirits	64742-47-8	N/E	200 mg/m3	2.0 68F	35 %
Xylene	1330-20-7	100 PPM	100 PPM	6.7 68F	3 %
Ethyl benzene	100-41-4	100 PPM	100 PPM	10.0 68F	0.5 %
Talc	7727-43-7	20 mg/m3	20 mg/m3	n/a	30 %
Carbon Black	1333-86-4	3.5 mg/m3	3.5 mg/m3	n/a	5 %
Silica, Amorphous	7631-86-9	6 mg/m3	1 mg/m3	n/a	7 %

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT: 300 - 395 degrees F
VAPOR DENSITY: Heavier than Air
EVAPORATION RATE: Slower than Ether
WEIGHT PER GALLON: 10.92
SPECIFIC GRAVITY (H2O=1): 1.3
SOLUBILITY IN WATER: Negligible
APPEARANCE & ODOR: White viscous liquid and Mineral Sprits odor
COATING V.O.C.: 417 Grams/Liter
MATERIAL V.O.C.: 417 Grams/Liter

SECTION IV - HEALTH HAZARD DATA

Emergency Overview

Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis. Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. This material is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

HEALTH HAZARDS (ACUTE & CHRONIC):

SKIN: Irritation and dermatitis
EYES: Redness, tearing and blurred vision
INHALATION: Excessive inhalation can cause nasal respiratory irritation, dizziness, fatigue, headache and nausea

Inhalation: Dizziness, headaches, breathing and coordination problems. If overexposed symptoms to the vapor or mist occur, provide plenty of fresh air and call physician.

Eyes: Use good hygiene practices. Dry contaminated clothing. For eye contact, flush immediately with large amount of fresh water for at least 15 minutes. Seek medical attention if irritation persists.

Skin: Prolonged or repeated contact may cause skin dryness leading to irritation and dermatitis.

Ingestion: If swallowed, can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Seek medical attention immediately.

Target Organ and Other Health Effects:

Kidney injury may occur.
Causes headache, drowsiness or other effects to the central nervous system.
Liver injury may occur.

This product contains ingredients that may contribute to the following potential chronic health effects:

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Internal misuse by deliberately concentrating and inhaling the contents may harmful or fatal.

Medical conditions and aggravated by exposure: Anesthesia, respiratory disorders, nausea, vomiting, and dermatitis may be aggravated. Possible unconsciousness.

EMERGENCY & FIRST AID PROCEDURES

SKIN: Clean with soap and water.
INGESTION: Do not induce vomiting. Seek medical attention immediately.
INHALATION: Remove from exposure immediately. Provide fresh air, and seek medical attention.
EYE CONTACT: Flush immediately with water. Seek medical attention.

SECTION V - FIRE & EXPLOSION HAZARD DATA

DOT Name/ Class/ Number:	Paint / Combustible Liquid / UN1263
FLASH POINT:	105 degrees F Method Used: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME:	1. Lower explosion level - 1.0% 2. Upper explosion level - 6.0%
EXTINGUISHING MEDIA:	Foam, CO2, Dry Chemical, Water fog
SPECIAL FIRE FIGHTING PROCEDURES:	Do not use water except as a fog. Use self contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDOUS:	Do not apply on hot surfaces. Do not open or use at near any flame or sparks. Keep away from extreme heat.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Do not use near an open flame or direct heating. Excessive heat may cause containers to rupture
INCOMPATIBILITY: Oxygen and strong oxidizing agent.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, or other hydrocarbons by combustion
HAZARDOUS POLYMERIZATION: Will not occur

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 solvent-based paints.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Operating tools must be non-sparking. Before opening, electrostatic bonding between dispensing & receiving containers must be done. Also electrostatic grounding of the containers must be provided. Avoid prolonged breathing of vapors or skin contact. Keep away from excessive heat.

OTHER PRECAUTIONS: Avoid all sources of heat, open flames, sparks and static electricity.

SECTION VIII – PERSONAL PROTECTION EQUIPMENT AND EXPOSURE CONTROL METHODS

Personal Protection Equipment

RESPIRATORY PROTECTION: When spraying this product, use a properly fitted NIOSHI approved respirator to remove spray mist. When using in a poorly ventilated and confined spaces, use fresh air supplying respirator or self-contained breathing apparatus.

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

EYE PROTECTION: Goggles or face shields.

OTHER PROTECTION: Wear impervious clothing and boots to reduce the effects of skin overexposure.

VENTILATION: Provide sufficient mechanical ventilation with explosion proof equipment to maintain exposure level below TLV and LEL limits.

HYGIENIC PRACTICES: Eye washes, barrier creams, daily showers and change of contaminated clothes

SECTION IX – TRANSPORT INFORMATION

U.S. Department of Transportation

Proper Shipping Name: Paint

Hazard Class: 3

UN ID Number: UN1263

Packing Group: III

In the US this material may be reclassified as a Combustible Liquid and is not regulated in containers of less than 119 gallons (450 liters) via surface transportation (refer to 49CFR173.120(b)(2) for further information).

SECTION X – TOXICOLOGICAL INFORMATION

Acute Toxicity

Product

Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Component

Carbon Black

LD50 Oral: > 15400 mg/kg (Rat)

LD50 Dermal: > 3000 mg/kg (Rabbit)

Xylene

LD50 Dermal: > 1700 mg/kg (Rabbit)

LD50 Oral: 4300 mg/kg (Rat)

LC50 Inhalation (Vapor): 5000 ppm (Rat, 4 hours)

Sensitization: No sensitizing effects known.

Mineral spirits

LD50 Oral: > 5,000 mg/kg (Rat)

LD50 Dermal: > 3160 mg/kg (Rabbit)

LC50 Inhalation (Vapor): > 6.1 mg/L (Rat)

Ethyl benzene

LD50 Oral: 3500 mg/kg (Rat)

LD50 Dermal: > 5000 mg/kg (Rabbit)

LC50 Inhalation (Vapor): 55000 mg/m³ (Rat, 2 hr.)

Sensitization: No sensitizing effects

Silica, amorphous

LD50 Oral: > 10000 mg/kg (Rat)

LD50 Dermal: 2,000 mg/kg (Rabbit)

LC50 Inhalation (Dust): > 2 mg/L

Chronic Toxicity

Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

Chemical Name	ACGIH	IARC	NTP	OSHA/Carcinogen
Titanium dioxide		2B – Possible Human Carcinogen		Listed
Ethyl benzene	A3 – Confirmed Animal Carcinogen with Unknown Relevance to Humans	2B - Possible Human Carcinogen		Listed
Carbon Black		2B- Possible Human Carcinogen		Listed

- Contains ethyl benzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethyl benzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans.
- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
IARC - International Agency for Research on Cancer
NTP - National Toxicity Program
OSHA - Occupational Safety & Health Administration

SECTION XI: REGULATORY INFORMATION

International Inventories

United States TSCA Yes - All components are listed or exempt.

Canada DSL Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight % (max)
Xylene	1330-20-7	3.0
Ethyl benzene	100-41-4	0.5

This product may contain trace amounts of (other) SARA reportable chemicals.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

Chemical Name	CAS-No	Weight % (max)
Xylene	1330-20-7	3.0
Ethyl benzene	100-41-4	0.5

This product may contain trace amounts of (other) HAPs chemicals. Contact the preparer for further information

State Regulations

California Proposition 65

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

SECTION XII: OTHER INFORMATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

SECTION XIII - 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.