MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : RUST BARRIER PRIMER
IDENTIFICATION NUMBER: AM222 DATE PRINTED: 11/15/04
PRODUCT USE/CLASS :

SUPPLIER:
Modern Options, Inc
1930 Fairway Dr.
San Leandro, CA 94577

MANUFACTURER:
Triangle Coatings, Inc.
1930 Fairway Drive
San Leandro, CA 94577-5631

TELEPHONE: 510-614-3900
9am to 5pm PST Monday-Friday

EMERGENCY TELEPHONE:800-895-8000
(7:00 am - 5:00 pm PST)

PREPARER: , PHONE: , PREPARE DATE: 11/15/04

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	Zinc Oxide Phosphonate	64539511	10.0 %

EXPOSURE LIMITS

ITEM	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING	COMPANY TLV-TWA	SKIN
01	N.E.	N.E.	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Harmful if swallowed. Causes eye irritation.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause irritation including pain, tearing or reddening accompanied by stinging sensation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: No hazard in normal industrial use.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed.

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SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: None.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Do not reuse until cleaned.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 400 F
(SETAFLASH CLOSED CUP)

LOWER EXPLOSIVE LIMIT: N.A.
UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.D

EXTINGUISHING MEDIA: CO_2 DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product will not burn but may spatter if temperature exceeds boiling point.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area. Absorb spill with suitable absorbent material, then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. If large spill, dike area and call spill response team. Notify appropriate state and local agencies.

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SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Keep from freezing. Keep container closed when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure limits listed in Section 2 by using engineering controls. If not feasible, use a NIOSH approved respirator.

SKIN PROTECTION: General use of chemical resistant gloves are recommended to protect the skin from drying and irritation. Lotions and barrier creams are also recommended to prevent drying of the skin.

EYE PROTECTION: Eye protection is recommended.

OTHER PROTECTIVE EQUIPMENT: If repeated or prolonged skin contact or contamination is likely, protective clothing should be worn.

HYGIENIC PRACTICES: Establish good personal hygiene and work practices. Always wash hands before eating, drinking, or smoking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.A.	VAPOR DENSITY	: Is heavier than air
ODOR	: Latex Paint	ODOR THRESHOLD	: N.E
APPEARANCE	: White Liquid	EVAPORATION RATE	: Is slower than Butyl Acetate
SOLUBILITY IN H2O	: Water Soluble		
FREEZE POINT	: 32	SPECIFIC GRAVITY	: 1.4165
VAPOR PRESSURE	: N.E	pH @ 100.0 %	: 8.8
PHYSICAL STATE	: Liquid	VISCOSITY	: 70-80 KU
VOLATILE BY VOLUME	: 50.7%		

COEFFICIENT OF WATER/OIL DISTRIBUTION: N.E

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No Information.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Can include carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

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SECTION 10 - STABILITY AND REACTIVITY

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

TOXICOLOGICAL INFORMATION: This information shown in Section 3 is based on the toxicity profiles for a number of products that are compositionally similar to this product.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Refer to local, county, state and federal storm water and air quality regulations.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, county, state, and federal regulations. Incineration is preferred.

SECTION 14 - TRANSPORTATION INFORMATION

No transportation information is available.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None

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SECTION 15 - REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
Naphthalene	91203	1.0 %
Ammonium Hydroxide	1336216	1.0 %

U.S. STATE REGULATIONS: AS FOLLOWS -

PENNSYLVANIA RIGHT-TO-KNOW:
The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
Water	7732185
ACRYLIC POLYMER	Proprietary
CALCIUM CARBONATE	1317-65-3
Titanium Dioxide	13463-67-7
NO CHEMICAL NAME FOUND	

CALIFORNIA PROPOSITION 65:
None Known.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 11/20/96

VOLATILE ORGANIC COMPOUNDS (VOCS): 0.87 lbs/gal, 105 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

<END OF MSDS>