

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Platinum Acrylic Metal Primer
Product Number: pails, drums
Chemical Name: Acrylic rust inhibiting primer
CAS Number: Blend

Company Identification

Prairie Technologies
6900 Bleck Drive
Rockford, MN 55373
1-877-907-7747 (For product information)
1-800-535-5053 Infotrac (For emergencies)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOB	< 5.0 %	25265-77-4
Confidential Ingredient A	25.0 - 30.0 %	Trade Secret
AMMONIA, AQUA	0.2 - 0.3 %	1336-21-6
ZINC OXIDE	1.0 - 2.0 %	1314-13-2
TITANIUM DIOXIDE	5.0 - 8.0 %	13463-67-7
TALC	6.0 - 12.0 %	14807-96-6

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.



3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* CAUTION
*
* Prolonged or repeated contact may cause skin or eye
* irritation. May be harmful if swallowed. Protect
* from freezing.
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HMIS Rating - Health: 1
Flammability: 0
Reactivity: 0
Personal Protection Index: J

POTENTIAL HEALTH EFFECTS

EYE:

Contact may cause eye irritation.

SKIN:

Can cause moderate skin irritation.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Remove contaminated clothing and shoes. Wash affected area immediately with large amounts of soap and water. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if cough or other symptoms develop.

INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Do not induce vomiting. Contact a physician. Never give anything by mouth to an unconscious person.



5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: 120 C (248.0 F)
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: %
UEL: %

EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear safety goggles. Wear appropriate personal protective equipment.

INITIAL CONTAINMENT:

Contain spilled material. Absorb spills with inert material.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e g, dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE

Minimum: 15.6 C (60.1 F)
Maximum: 26.7 C (80.1 F)

SHELF LIFE: (in original, sealed containers)

8 months @ 26.7 C

HANDLING (PERSONNEL):

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling.



(section 7 continued)

HANDLING (PHYSICAL ASPECTS):

Agitate containers before use. Keep from freezing. Keep out of reach of children.

STORAGE PRECAUTIONS:

Avoid extreme temperatures. Keep container closed when not in use. Store in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses. A respiratory protection program that meets OSHA's 29 CFR 1910-134 and ANSI Z88-2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION REQUIREMENTS:

Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

EXPOSURE GUIDELINES:

AMMONIA, AQUA

OSHA PEL: 50 ppm
ACGIH TWA: 25 ppm
ACGIH STEL: 35 ppm

ZINC OXIDE

OSHA TWA: 10.000 mg/m³
ACGIH TWA: 5.000 mg/m³
OSHA STEL: 10.000 mg/m³
ACGIH STEL: 10.000 mg/m³

TALC

OSHA TWA: 0.3 mg/m³
ACGIH TWA: 2.0 mg/m³



9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid
COLOR	White or Gray
ODOR	Faint Odor
BOILING POINT	212 F
SOLUBILITY IN WATER	Miscible
SPECIFIC GRAVITY	1.1 (Water = 1)
MELTING/FREEZING POINT	32 F
PH	8.5 to 9.5
VISCOSITY	2,000 to 3,000 cps
VOLATILE ORGANIC COMPOUNDS (VOC) ...	1.31 lb/gallon

10. STABILITY AND REACTIVITY

STABILITY:

Stable; however, may decompose if heated.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

Incompatible or can react with acids, bases, oxidizers.

DECOMPOSITION:

Decomposition will not occur if handled and stored properly.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.



14. TRANSPORTATION INFORMATION

PRODUCT LABEL ...: Platinum Acrylic Metal Primer

15. REGULATORY INFORMATION

Canadian Disclosure List

ZINC OXIDE (1314-13-2)

CERCLA Hazardous Substances

AMMONIA, AQUA (1336-21-6) -- RQ 1000 lb

MISCELLANEOUS INFORMATION:

California Proposition 65: This product contains trace levels of a component(s) known to the state of California to cause cancer or birth defects or other reproductive harm.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

PREPARED BY: Laura Vollenweider
APPROVED BY: Laura Vollenweider
TITLE: Chemist
APPROVAL DATE: December 2, 2010
SUPERCEDES DATE: February 12, 2010
MSDS NUMBER: PRTE00PRIMACY
RTN NUMBER: 00000189 (Official Copy)

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data in this MSDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

END OF MSDS

