



Benjamin Moore®

SAFETY DATA SHEET

Revision date 07-Jan-2026

Revision Number 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HP ACRYLIC METAL PRIMER - WHITE
Product Code HP1100-01FR
Alternate Product Code UF4501
Product Class Water thinned paint
Color White
Recommended use Paint
Restrictions on use No information available

Manufactured For

Benjamin Moore & Co., Limited
1651 Stellar Drive, Unit 1
Whitby, Ontario L1N 0R1
Phone: 1-800-361-5898
www.benjaminmoore.com/en-ca

Manufacturer

Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
www.benjaminmoore.com

Emergency Telephone

CHEMTREC: +1 703-741-5970 / 1-800-424-9300
+1 703-527-3887 (outside US & Canada)
CANUTEC: 613-996-6666 (Transport Emergency Only)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2

Label elements

Danger

Hazard statements

Causes serious eye irritation

May cause an allergic skin reaction
May cause genetic defects
May cause cancer
Suspected of damaging fertility or the unborn child



Appearance liquid

Odor little or no odor

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust, fume, gas, mist, vapors and spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves, protective clothing, eye protection and face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

Other information

No information available

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Titanium dioxide	13463-67-7	7 - 13%	-	-
Talc	14807-96-6	3 - 7%	-	-
Carbamic acid, butyl-, 3-iodo-2-propynyl ester	55406-53-6	0.25 - 0.5%	-	-
Xylene	1330-20-7	0.1 - 0.25%	-	-
Sodium nitrite	7632-00-0	0.1 - 0.25%	-	-
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	0.1 - 0.25%	-	-

4. FIRST AID MEASURES

General Advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.
Inhalation	Remove to fresh air immediately. Get medical attention immediately.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
Most Important Symptoms/Effects	May cause allergic skin reaction.
Notes To Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Special Provisions	Closed containers may rupture if exposed to fire or

	extreme heat.
Sensitivity to mechanical impact	No
Sensitivity to static discharge	No
Flash Point Data	
Flash point (°F)	Not Applicable
Flash Point (°C)	Not applicable
Method	Not applicable
Flammability Limits In Air	
Lower flammability limit:	Not applicable
Upper flammability limit:	Not applicable
NFPA	
Health hazards	2
Flammability	0
Stability	0
Special:	Not Applicable

NFPA Legend
 0 - Not Hazardous
 1 - Slightly
 2 - Moderate
 3 - High
 4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
Other Information	Prevent further leakage or spillage if safe to do so.
Environmental precautions	See Section 12 for additional Ecological Information.
Methods for Cleaning Up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
Storage	Keep container tightly closed. Keep out of the reach of

children.

Incompatible Materials

No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Titanium dioxide	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter	TWA: 10 mg/m ³ ;	TWA: 10 mg/m ³ ; total dust TWA: 3 mg/m ³ ; respirable fraction	TWA: 10 mg/m ³ ;	TWAEV: 10 mg/m ³ ; total dust
Talc	TWA: 2 mg/m ³ respirable particulate matter particulate matter containing no Asbestos and <1% Crystalline silica	TWA: 2 mg/m ³ ; respirable particulate	TWA: 2 mg/m ³ ; respirable particulate	TWA: 2 mg/m ³ ; respirable fraction	TWAEV: 2 mg/m ³ ; respirable dust
Xylene	TWA: 20 ppm	TWA: 100 ppm; TWA: 434 mg/m ³ ; STEL: 150 ppm; STEL: 651 mg/m ³ ;	TWA: 20 ppm; STEL: 150 ppm;	TWA: 100 ppm; STEL: 150 ppm;	TWAEV: 100 ppm; TWAEV: 434 mg/m ³ ; STEV: 150 ppm; STEV: 651 mg/m ³ ;

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
 Alberta - Alberta Occupational Exposure Limits
 British Columbia - British Columbia Occupational Exposure Limits
 Ontario - Ontario Occupational Exposure Limits
 Quebec - Quebec Occupational Exposure Limits
 N/E - Not established

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face Protection

Safety glasses with side-shields

Skin Protection

Protective gloves and impervious clothing.

Respiratory Protection

In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

Hygiene Measures

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

liquid

Odor

little or no odor

Odor threshold	No information available
Density (lbs./gal)	10.7 - 11.1
Specific Gravity	1.28 - 1.33
pH	No information available
Viscosity (cps)	No information available
Solubility(ies)	No information available
Water solubility	No information available
Evaporation Rate	No information available
Vapor pressure @20 °C (kPa)	No information available
Relative vapor density	No information available
Wt. % Solids	50 - 60
Vol. % Solids	40 - 50
Wt. % Volatiles	40 - 50
Vol. % Volatiles	50 - 60
VOC Regulatory Limit (g/L)	< 100
Boiling Point (°F)	212
Boiling Point (°C)	100
Freezing point (°F)	32
Freezing Point (°C)	0
Flash point (°F)	Not Applicable
Flash Point (°C)	Not applicable
Method	Not applicable
Flammability	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

10. STABILITY AND REACTIVITY

Reactivity	Not Applicable
Chemical Stability	Stable under normal conditions.
Conditions to avoid	Prevent from freezing.
Incompatible Materials	No materials to be especially mentioned.
Hazardous decomposition products	None under normal use.
Possibility of hazardous reactions	None under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Product Information Information on likely routes of exposure

Principal Routes of Exposure

Eye contact, skin contact and inhalation.

Acute Toxicity

Product Information

No information available

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye contact

May cause slight irritation

Skin contact

Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

Inhalation

May cause irritation of respiratory tract.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sensitization

May cause an allergic skin reaction.

Neurological effects

No information available.

Mutagenic Effects

No information available.

Reproductive Effects

Possible risk of impaired fertility. Possible risk of harm to the unborn child.

Developmental toxicity

No information available.

Target organ effects

Respiratory system, Eyes, Central Vascular System (CVS), Lungs, Gastrointestinal tract (GI).

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Other adverse effects

No information available.

Aspiration Hazard

No information available.

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)

25196 mg/kg

ATEmix (inhalation-dust/mist)

19.4 mg/L

Component Information

Caution - This mixture contains a substance not yet fully tested

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 2000 mg/kg (Rat)	-	> 5.09 mg/L (Rat) 4 h
Talc 14807-96-6	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Carbamic acid, butyl-, 3-iodo-2-propynyl ester 55406-53-6	= 1470 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 0.23 mg/L (Rat) 4 h
Xylene 1330-20-7	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)	> 4350 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h
Sodium nitrite 7632-00-0	= 85 mg/kg (Rat)	-	= 5.5 mg/L (Rat) 4 h

2,2,4-trimethyl-1,3-pentenediol diisobutyrate 6846-50-0	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.3 mg/L (Rat) 6 h
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Chronic Toxicity

Carcinogenicity

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

Chemical name	IARC	NTP
Titanium dioxide	Group 2B - Possibly carcinogenic to humans	
Xylene	Group 3 - Unclassifiable as to carcinogenicity in humans	
Sodium nitrite	Group 2A - Probably carcinogenic to 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

IARC - International Agency for Research on Cancer
NTP - National Toxicity Program
OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

The environmental impact of this product has not been fully investigated.

Product Information

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

Persistence and degradability

No information available.

Bioaccumulation

There is no data for this product.

Mobility

No information available.

Hazardous to the ozone layer

Not applicable

Component Information

Acute Toxicity to Fish

Titanium dioxide

LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)

Carbamic acid, butyl-, 3-iodo-2-propynyl ester

LC50: 230 µg/L (Bluegill sunfish - 96 hr.)

Xylene

LC50: 13.5 mg/L (Rainbow Trout - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

TDG Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

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

National Pollutant Release Inventory (NPRI)

NPRI Parts 1- 4

This product contains the following Parts 1-4 NPRI chemicals:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>NPRI Parts 1- 4</u>
Xylene	1330-20-7	0.1 - 0.25%	Listed
Sodium nitrite	7632-00-0	0.1 - 0.25%	Listed

NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>NPRI Part 5</u>
Xylene	1330-20-7	0.1 - 0.25%	Listed

WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

16. OTHER INFORMATION

HMIS

Health hazards	2*
Flammability	0
Reactivity:	0
Personal protection	-

HMIS Legend

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- * - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

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 logging onto Health Canada at
http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

Prepared By Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

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Revision Note Not available

Disclaimer

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End of Safety Data Sheet