



Benjamin Moore®

SAFETY DATA SHEET

Revision date 15-May-2026

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HP WATERBORNE ALIPHATIC URETHANE MATTE - CATALYST
Product Code HP5430-90FR
Alternate Product Code DA3190
Product Class CATALYST
Color All
Recommended use CATALYST
Restrictions on use No information available

Manufactured For

Benjamin Moore & Co., Limited
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Manufacturer

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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)

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Label elements

Danger

Hazard statements

Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May cause respiratory irritation. May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure



Appearance liquid

Odor little or no odor

Precautionary Statements - Prevention

Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, protective clothing, eye protection and face protection
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing must not be allowed out of the workplace
Do not breathe dust

Precautionary Statements - Response

Get medical advice/attention if you feel unwell

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

Take off contaminated clothing and wash before reuse

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

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

If experiencing respiratory symptoms: Call a POISON CENTER or doctor

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed

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

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

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)
Hexane, 1,6-diisocyanato-, homopolymer	28182-81-2	60 - 100%	-	-
Cyclohexanamine, N,N-Dimethyl-	98-94-2	0.5 - 1%	-	-
Hexamethylene-1,6-diisocyanate	822-06-0	0.25 - 0.5%	-	-

4. FIRST AID MEASURES

General Advice	No hazards which require special first aid measures.
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 allergy or asthma symptoms or breathing difficulties if inhaled. 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)

365

Flash Point (°C)

185

Method

PMCC

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
Cyclohexanamine, N,N-Dimethyl-	-	-	-	STEL: 5 ppm; STEL: 26 mg/m ³ ;	-
Hexamethylene-1,6-diisocyanate	TWA: 0.005 ppm	TWA: 0.005 ppm; TWA: 0.03 mg/m ³ ;	TWA: 0.005 ppm; Ceiling: 0.01 ppm; RS	TWA: 0.005 ppm; Ceiling: 0.02 ppm;	TWAEV: 0.005 ppm; TWAEV: 0.034 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

Skin Protection

Respiratory Protection

Safety glasses with side-shields

Protective gloves and impervious clothing.

In case of insufficient ventilation wear suitable respiratory equipment.

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)

9.4 - 9.8

Specific Gravity

1.12 - 1.17

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	75 - 85
Vol. % Solids	75 - 85
Wt. % Volatiles	15 - 25
Vol. % Volatiles	15 - 25
VOC Regulatory Limit (g/L)	Not applicable
Boiling Point (°F)	No information available
Boiling Point (°C)	No information available
Freezing point (°F)	No information available
Freezing Point (°C)	No information available
Flash point (°F)	365
Flash Point (°C)	185
Method	PMCC
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.
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Acute Toxicity

Product Information	No information available
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Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available
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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	Respiratory sensitizer. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Neurological effects	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	No information available.
Developmental toxicity	No information available.
Target organ effects	No information available.
STOT - single exposure	May cause disorder and damage to the. Respiratory system. Lungs.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure if inhaled.
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)	5445 mg/kg
ATEmix (inhalation-dust/mist)	5.0 mg/L
ATEmix (inhalation-vapor)	13.8 mg/L

Component Information

Caution - This mixture contains a substance not yet fully tested

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hexane, 1,6-diisocyanato-, homopolymer 28182-81-2	-	> 2000 mg/kg (Rat)	= 18500 mg/m ³ (Rat) 1 h
Cyclohexanamine, N,N-Dimethyl- 98-94-2	= 272 mg/kg (Rat)	> 400 mg/kg (Rat)	1700 - 5800 mg/m ³ (Rat) 6 h
Hexamethylene-1,6-diisocyanate 822-06-0	= 738 mg/kg (Rat)	> 7000 mg/kg (Rat)	= 0.06 mg/L (Rat) 4 h

Chronic Toxicity

Carcinogenicity

There are no known carcinogenic chemicals in this product above reportable levels.

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

No information available.

Mobility

No information available.

Hazardous to the ozone layer

Not applicable

Component Information

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

Hexane, 1,6-diisocyanato-, homopolymer

EC50: > 1000 mg/L (Green algae (*Scenedesmus subspicatus*), 72 hrs.)

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:

None

NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

None

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.

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Disclaimer

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End of Safety Data Sheet