



Benjamin Moore®

SAFETY DATA SHEET

Revision Date: 01-Dec-2023

Revision Number: 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HP 100% SOLIDS EPOXY - CATALYST
Product Code HP4300-90FR
Alternate Product Code UF5690
Product Class CATALYST
Color Clear
Recommended use CATALYST
Restrictions on use No information available

Manufactured For

Benjamin Moore & Co., Limited
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Concord ON L4K 2N1
Phone: 1-800-361-5898
www.benjaminmoore.com/en-ca

Manufacturer

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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 - Oral | Category 4 |
| Skin corrosion/irritation | Category 1 Sub-category B |
| Serious eye damage/eye irritation | Category 1 |
| Respiratory sensitization | Category 1 |
| Skin sensitization | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Specific target organ toxicity (repeated exposure) | Category 1 |

Label elements

Danger

Hazard statements

Harmful if swallowed
Causes severe skin burns and eye damage
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
Causes damage to organs through prolonged or repeated exposure



Appearance liquid

Odor little or no odor

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/clothing and eye/face protection
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician

Eyes

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

Continue rinsing

Immediately call a POISON CENTER or doctor/physician

Skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing 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

Immediately call a POISON CENTER or doctor/physician

Call a POISON CENTER or doctor/physician if you feel unwell

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

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) |
|--------------------------|---------|----------|--|---|
| Aromatic alcohol | - | 30 - 60% | - | - |
| Cycloaliphatic Amine | - | 30 - 60% | - | - |
| Amine-Epoxy Resin Adduct | - | 5 - 10% | - | - |

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice

No hazards which require special first aid measures.

Eye Contact

Immediate medical attention is required. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.

Most Important Symptoms/Effects

None known.

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.

Specific Hazards Arising From The Chemical

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) | 200 |
| Flash Point (°C) | 94 |
| Method | PMCC |
| Flammability Limits In Air | |
| Lower flammability limit: | Not applicable |
| Upper flammability limit: | Not applicable |
| NFPA | |
| Health hazards | 2 |
| Flammability | 2 |
| 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

No exposure limits have been established for this product.

Legend

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 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) | 8.1 - 8.6 |
| Specific Gravity | 0.97 - 1.03 |
| 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 | 90 - 100 |
| Vol. % Solids | 90 - 100 |
| Wt. % Volatiles | 0 - 10 |
| Vol. % Volatiles | 0 - 10 |
| VOC Regulatory Limit (g/L) | < 100 |
| Boiling Point (°F) | 399 |
| Boiling Point (°C) | 204 |
| Freezing point (°F) | No information available |
| Freezing Point (°C) | No information available |
| Flash point (°F) | 200 |
| Flash Point (°C) | 94 |
| Method | PMCC |
| Flammability (solid, gas) | 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 | Severely irritating to eyes May cause burns Risk of serious damage to eyes |
| 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 | No information available. |
| Neurological Effects | No information available. |
| Mutagenic Effects | No information available. |
| Reproductive Effects | No information available. |
| Developmental Effects | No information available. |
| Target organ effects | No information available. |
| 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 values are calculated based on chapter 3.1 of the GHS document

| | |
|---------------------------|------------|
| ATEmix (oral) | 1243 mg/kg |
| ATEmix (inhalation-vapor) | 22 mg/l |

Component Information

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 / Degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

No information available.

Ozone

Not applicable

Component Information

Acute Toxicity to Fish

No information available

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

| | |
|----------------------------|----------------------|
| Proper Shipping Name | Paint |
| Transport hazard class(es) | 8 |
| UN-No | UN3066 |
| Packing Group | II |
| Description | UN3066, Paint, 8, II |

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 | 2 |
| 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