



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade Name: 3HB60S0218-Motoman Blue Hybrid

Revision Date: 6/27/2023

CAS Number:

Additional ID:

Synonyms:

Registration #:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Paint for the purpose of powder coating.

1.3 Details of the supplier of the safety data sheet

IPC - Main

9413 N. Tower Road

Brazil, IN 47834 US

phone:

e-mail:

website:

1.4 Emergency telephone number

CHEMTREC

8002628200 (US)

7037415500 (International)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Carcinogenicity Category 2

Target Organ Systemic Toxicant - Repeated exposure Category 1

Combustible Dusts

2.2 Label elements



Irritant

Health Hazard

Signal Word

Danger

Hazard Statements

H350-May cause cancer

H372-Causes damage to organs through prolonged or repeated exposure

USH003-May form combustible dust concentrations in air.

Precautionary Statements

Prevention

Other-Prevent dust accumulations to minimize explosion hazard.

P202-Do not handle until all safety precautions have been read and understood.

P243-Take precautionary measures against static discharge.

P261-Avoid breathing dust and fumes.

P262-Do not get in eyes, on skin, or on clothing.

P264-Wash skin thoroughly after handling.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

P281-Use personal protective equipment as required.

Response

P308+P313-IF exposed or concerned: Get medical advice/attention.

Trade Name: 3HB60S0218-Motoman Blue Hybrid

Product ID

3HB60S0218

Page 1 of 8

SDS ID SDS00140

Revision #

1

Revision Date:

6/27/2023



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

Storage

P403+P233-Store in a well-ventilated place. Keep container tightly closed.

P405-Store locked up.

Disposal

P501-Dispose of contents/container in accordance with local regulations.

2.3 Other hazards

No information available

2.4 Unknown Acute Toxicity (US)

No information available

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical Name	CAS Number	EC #	Concentration % by Weight	Classification
Titanium dioxide	13463-67-7	236-675-5	<= 5	Aquatic Chronic 4 Carc. 2 STOT RE 1 STOT SE 3
CALCIUM CARBONATE	1317-65-3		<= 33	OSHA Regulatory Status Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2 GHS Classification Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2
2-PROPYLIMIDAZOLE	50995-95-4		<= 0.5	Skin Irrit. 3

Additional Information

Percentages may vary batch to batch. Additional information for non-hazardous materials withheld as trade secrets.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

No information available

After inhalation

Get medical attention immediately. Call a poison control center or physician. Remove victim to fresh air, keep at rest, and position them for comfortable breathing.

If not breathing, irregular breathing, or respiratory arrest occur, supplement with artificial respiration or oxygen by trained personnel.

Keep the airway open & loosen tight clothing such as a collar, tie, waistband, or belt.

Symptoms may be delayed if decomposition products from a fire are inhaled. Keep under medical surveillance for 48 hours.

After skin contact

Get medical attention immediately. Call a poison control center or physician. Wash with soap and water.

Wash contaminated clothing or wear gloves prior to removing contaminated clothing and shoes. Continue washing the point of contact for at least 10 minutes.

After eye contact

Get medical attention immediately. Call a poison control center or physician. Immediately flush eyes with water.

Remove contact lenses. Continue flushing eyes for at least 10 minutes. Have a physician treat promptly.

After ingestion

Get medical attention immediately. Call a poison center or physician. Rinse mouth with plenty of water. Remove dentures.

Continue rinsing with small quantities of water. If material was swallowed, drink small quantities



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

of water unless consciousness is lost.

Do not induce vomiting. If vomiting occurs, move the head so as to prevent choking. Loosen tight clothing and maintain an open airway.

If dust is present, wear a dust respirator and move to a well-ventilated area.

Only trained personnel should administer first aid.

If mouth-to-mouth respiration is necessary, wear an approved disposable CPR mask.

Self-protection of the first aider

4.2 Most important symptoms and effects, both acute and delayed

Inhalation - irritation, coughing

Skin Contact - irritation, itching

Eye Contact - irritation, redness

Ingestion - gastrointestinal distress

4.3 Indication of any immediate medical attention and special treatment needed

In case of inhalation of decomposition products in a fire, symptoms may be delayed.

The exposed person may need to be kept under medical surveillance for 48 hours.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water Spray, Dry Chemical Powder

Unsuitable extinguishing media

High Pressure Water Jet

5.2 Special hazards arising from the substance or mixture

Combustible Dust Hazard

May produce carbon monoxide, carbon dioxide, smoke, nitrogen oxides, sulfur oxides, or metal oxides under thermal decomposition.

5.3 Advice for firefighters

Isolate the scene and remove all persons from the vicinity in the incident of a fire.

Remove containers from the area of the fire if safe to do so.

Wear all protective equipment and a self-contained breathing apparatus (SCBA).

Do not allow containers or material to enter waterways or drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid walking through or touching spilled material.

Wear all appropriate PPE when handling or disposing material including a dust respirator.

Do not breathe dust.

Use ventilation.

Small spills should be vacuumed with a HEPA filter. Dry sweeping could cause combustible dust accumulation.

Non-sparking tools should be used around spilled material due to combustible dust hazard.

Store in a closed container with proper labeling.

Dispose in accordance with local regulations.

6.2 Environmental precautions

Do not allow containers or material to enter waterways, drains, or soil.

Report spills.

6.3 Methods and material for containment and cleaning up

Only trained individuals should handle spills.

Wear all appropriate PPE including a dust respirator.

Vacuum the spill with a HEPA Filter. Do not dry sweep.

Isolate the closed container and ensure the container is properly labeled.

Dispose according to local regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Trade Name: 3HB60S0218-Motoman Blue Hybrid

SDS ID: SDS00140

Product ID

Revision #

3HB60S0218

1

Revision Date:

Page 3 of 8

6/27/2023



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

Wear all appropriate PPE. Use only with adequate ventilation. Do not ingest, breathe, or come into contact with through the eyes, mouth, or skin. Ignition sources should be kept isolated from the storage area & area of use. Use proper bonding and grounding. Use non-sparking tools. Wear electrostatic dissipative shoes to prevent buildup of static charge. Do not allow people with a history of skin sensitization issues to work with the product. Keep product stored in original container. Do not reuse container. If moved to a different container, the container must be inert with respect to the product and must be properly labeled.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a cool, dry, well-ventilated area that is separated from ignition sources and has been approved for storage. Store in original container & protect from direct sunlight. Store away from all eating, drinking, and smoking areas. Do not store in unlabeled containers. If moved to a different container, the container must be inert with respect to the product and must be properly labeled. Keep separate from oxidizers and incompatible materials. Store containers upright, tightly closed, and sealed prior to use. Immediately reseal and store after use.

7.3 Incompatibilities/Specific end uses(s)

Incompatibilities	No information available
Specific end use(s)	No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CALCIUM CARBONATE(1317-65-3)

OSHA PEL	total dust	15 mg/m3 TWA
ACGIH TLV	total dust	10 mg/m3

Titanium dioxide(13463-67-7)

NIOSH	0.3 mg/m3
OSHA PEL	10 mg/m3

2-PROPYLIMIDAZOLE(50995-95-4)

ONTARIO	10 mg/m3 TWA
ONTARIO	3 mg/m3 TWA
ONTARIO	15 mg/m3 TWA
BRITISH COLUMBIA	10 mg/m3 TWA
BRITISH COLUMBIA	5 mg/m3 TWA
NOVA SCOTIA	10 mg/m3 TWA
NOVA SCOTIA	3 mg/m3 TWA
FRANCE OEL TWAs	10, 5 a mg/m3 TWA

8.2 Engineering Controls/Exposure Controls

Engineering controls	Use only with adequate ventilation. Monitor work areas to ensure the air concentration is below the OEL (occupational exposure limit). If above the OEL, supplement with dust respirators. All ventilation must be explosion-proof. Do not breathe dust.
Environmental exposure controls	Check emissions regularly to ensure the ventilation is keeping the air concentration below the OEL (occupational exposure limit). Supplement air handlers and dust collectors with more filtration if needed. Regularly change filters in air handlers and dust collectors.

8.3 Protective Measures

Eye/face protection	ANSI Z87.1-2015 approved safety glasses, equivalent prescription safety glasses, and/or full face dust respirator.
Hand protection	Chemical-resistant nitrile gloves with minimum 6 mil thickness. Gloves should be replaced regularly.
Other Skin protection	Clothing with long sleeves and pants that will protect the skin from exposure.
Other protection	Wear electrostatic dissipative shoes to prevent buildup of static charge when handling.
Respiratory protection	NIOSH approved dust respirator. Filters should be changed regularly as recommended by the manufacturer.



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

General hygiene consideration

Regularly wash hands and clothing after use.

Thermal hazards

No information available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value	Property	Value
Appearance	Solid - Powder	Autoignition Temp	No information available
Boiling Points	No information available	Colors	Blue
Flash Points	No information available	Heats of Combustion	No information available
Lower Explosive Limit	No information available	Melting Points	No information available
Solids % by Volume	100%	Specific Gravity	1.55
Upper Explosive Limit	No information available	VOC content	0%

9.2 Other information

SECTION 10: Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Dust accumulation
Unbonded & ungrounded containers or equipment
Static electricity buildup
Ignition sources & sparking

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No known hazards under normal use & storage.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Source

Skin contact

No data available.

Eye contact

No data available.

Inhalation

No data available.

Ingestion

No data available.

Symptoms related to characteristics

No data available.

Acute effects

Eyes - eye damage, redness, irritation
Skin - irritation, allergic reaction
Inhalation - irritation of the respiratory tract & coughing
Ingestion - gastrointestinal distress

Chronic effects

No data available.

Numerical measures of Toxicity



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

CALCIUM CARBONATE (1317-65-3)		Source
LD50 Oral RAT	6450 mg/kg	
Titanium dioxide (13463-67-7)		Source
No information available Dermal RABBIT	no skin irritation	OECD Test Guideline 404
LC50 Inhalation RAT	6.82 mg/L no acute inhalation toxicity	
LD50 Oral RAT	5000 mg/kg no acute oral toxicity	OECD Test Guideline 425

Skin corrosion/irritation	May cause allergic reaction of the skin.
Serious eye damage/eye irritation	May cause eye damage, redness, and irritation.
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Carcinogenicity	Titanium Dioxide - Category 2 Carbon Black - Category 2
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	Respiratory Tract - Inhalation Route - Titanium Dioxide Respiratory Tract - Inhalation Route - Carbon Black
Aspiration hazard	No data available.

SECTION 12: Ecological information

12.1 Toxicity

No information available

()		Source
	()	

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Additional Information

Additional Information

Do not allow containers or material to enter waterways or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Trade Name:	3HB60S0218-Motoman Blue Hybrid	Product ID	3HB60S0218	Page 6 of 8
SDS ID	SDS00140	Revision #	1	Revision Date: 6/27/2023



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

Handling for disposal

Minimize all waste wherever possible. Handle all waste with appropriate PPE.

Methods of disposal

Consult a local certified waste disposal facility for proper method of disposal and follow all local regulations.

Contaminated packaging

Containers and container liners are susceptible to residue. Dispose of properly in accordance with local regulations.

Additional Information

Do not allow any waste, product, or used container to enter waterways or drains.

SECTION 14: Transport Information

D.O.T/ADR/RID - Ground transportation

14.1 UN number

No information available

14.2 UN proper shipping name

No information available

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

No information available

14.6. Special precautions for user

Ensure that the product is fully secured & there are no leaks or holes in packaging during shipment or movement.

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

No information available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulations

Country or region	Inventory List	On Inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	Unspecified
Canada	Non-Domestic Substances List (NDSL)	Unspecified
Canada	Canadian Domestic Substance List	Unspecified
China	Inventory - China - Inventory of Existing Chemical Substances (IECSC)	Unspecified
United Kingdom	Inventory - European Union - European List of Notified Chemical Substances (ELINCS)	Unspecified
United Kingdom	European Inventory of Existing Commercial Chemical Substances (EINECS)	Unspecified
Japan	Inventory - Japan - Existing and New Chemical Substances (ENCS)	Unspecified
United States of America	TSCA (Toxic Substances Control Act) Inventory List	Unspecified

15.2 Chemical Safety Assessment

No information available

SECTION 16: Other information

Trade Name:	3HB60S0218-Motoman Blue Hybrid	Product ID	3HB60S0218	Page 7 of 8
SDS ID	SDS00140	Revision #	1	Revision Date: 6/27/2023



Safety Data Sheet

3HB60S0218-Motoman Blue Hybrid

29CFR 1910/1200 (US) WHMIS 2015 (Canada)

Specific Hazard N/A

HMIS Ratings

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		E

2 - Hazardous

1 - Above 200°F

0-Stable, even under fire conditions and will not re-act with water, etc.

E- Safety Glasses, Gloves, Dust Respirator

Revision Date: 6/27/2023

END OF SAFETY DATA SHEET