

SAFETY DATA SHEET

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08.02.2023	000000786725	Date of first issue: 08.02.2023

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Product code : 000000000050492689

Manufacturer or supplier's details

Company : MB Solutions Australia Pty Ltd

Address : 11 Stanton Road, Seven Hills
NSW 2147

Telephone : +611300227300

Emergency telephone : ChemTel: +1-813-248-0585; Australia: 1-300-954-583

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4

Acute toxicity (Inhalation) : Category 5

Acute toxicity (Dermal) : Category 5

Skin corrosion : Category 1B

Serious eye damage : Category 1

Skin sensitization : Category 1

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Lung)

Hazardous to the aquatic environment - acute hazard : Category 2

GHS label elements

Hazard pictograms :



SAFETY DATA SHEET



MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0	Revision Date: 08.02.2023	SDS Number: 000000786725	Date of last issue: - Date of first issue: 08.02.2023
----------------	------------------------------	-----------------------------	--

Signal Word : Danger

Hazard Statements : H313 May be harmful in contact with skin.
H333 May be harmful if inhaled.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H373 May cause damage to organs through prolonged or repeated exposure.
H314 Causes severe skin burns and eye damage.
H401 Toxic to aquatic life.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P260 Do not breathe dusts or mists.
P273 Avoid release to the environment.
P272 Contaminated work clothing should not be allowed out of the workplace.
P270 Do not eat, drink or smoke when using this product.
P264 Wash face, hands and any exposed skin thoroughly after handling.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/ doctor/ .?
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards which do not result in classification

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Amines
solvent(s)

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0 Revision Date: 08.02.2023 SDS Number: 000000786725 Date of last issue: -
 Date of first issue: 08.02.2023

Components

Chemical name	CAS-No.	Concentration (% w/w)
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>= 7 -< 15
Benzyl alcohol	100-51-6	>= 7 -< 15
xylene	1330-20-7	>= 5 -< 10
ethylbenzene	100-41-4	>= 0,3 -< 3
Urea polymer with formaldehyde, butylated	68002-19-7	>= 0,3 -< 3
Quartz (SiO ₂)	14808-60-7	>= 0,2 -< 3
m-phenylenebis(methylamine)	1477-55-0	>= 0 -< 3
n-butanol	71-36-3	>= 0,3 -< 3
nonylphenol	25154-52-3	>= 0 -< 1
toluene	108-88-3	>= 0 -< 0,2

SECTION 4. FIRST AID MEASURES

- General advice : First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.
- If inhaled : Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.
- In case of skin contact : Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.
- In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.
- Most important symptoms and effects, both acute and delayed : Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.
- Notes to physician : Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
 Water spray
 Dry powder
 Carbon dioxide (CO₂)
- Unsuitable extinguishing media : water jet

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0	Revision Date: 08.02.2023	SDS Number: 000000786725	Date of last issue: - Date of first issue: 08.02.2023
----------------	------------------------------	-----------------------------	--

- Hazardous combustion products : nitrogen oxides
corrosive gases/vapours
fumes/smoke
carbon oxides
carbon black
- Specific extinguishing methods : The degree of risk is governed by the burning substance and the fire conditions.
If exposed to fire, keep containers cool by spraying with water.
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.
Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Wear eye/face protection.
Use personal protective clothing.
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions : Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.
Large spills should be collected mechanically (remove by pumping) for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.
- Advice on safe handling : Avoid inhalation of dusts/mists/vapours.
Avoid skin contact.
Ensure adequate ventilation.
No special measures necessary provided product is used correctly.
- Hygiene measures : When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).

SAFETY DATA SHEET

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0 Revision Date: 08.02.2023 SDS Number: 000000786725 Date of last issue: -
 Date of first issue: 08.02.2023

Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Recommended storage temperature : 5 - 45 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
n-butanol	71-36-3	Peak limit	50 ppm 152 mg/m ³	AU OEL
Further information: Skin absorption				
		TWA	20 ppm	ACGIH
ethylbenzene	100-41-4	TWA	100 ppm 434 mg/m ³	AU OEL
		STEL	125 ppm 543 mg/m ³	AU OEL
		TWA	20 ppm	ACGIH
toluene	108-88-3	TWA	50 ppm 191 mg/m ³	AU OEL
Further information: Skin absorption				
		STEL	150 ppm 574 mg/m ³	AU OEL
Further information: Skin absorption				
		TWA	20 ppm	ACGIH
xylene	1330-20-7	STEL	150 ppm 655 mg/m ³	AU OEL
		TWA	80 ppm 350 mg/m ³	AU OEL
		TWA	20 ppm	ACGIH
m-phenylenebis(methylamine)	1477-55-0	Peak limit	0,1 mg/m ³	AU OEL
Further information: Skin absorption				
		C	0,018 ppm	ACGIH
Silicon dioxide	7631-86-9	TWA (Respirable dust)	2 mg/m ³	AU OEL
Barium sulfate	7727-43-7	TWA	10 mg/m ³	AU OEL
		TWA (Inhalable particulate matter)	5 mg/m ³	ACGIH
Quartz (SiO ₂)	14808-60-7	TWA (Respirable dust)	0,05 mg/m ³	AU OEL
Further information: Category 1A (Carc. 1A) Known to have carcinogenic potential for humans				
		TWA (Respirable particulate matter)	0,025 mg/m ³ (Silica)	ACGIH

SAFETY DATA SHEET

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0 Revision Date: 08.02.2023 SDS Number: 000000786725 Date of last issue: -
Date of first issue: 08.02.2023

crystalline silica	14808-60-7	ter) TWA (Respirable dust)	0,05 mg/m ³	AU OEL
Further information: Category 1A (Carc. 1A) Known to have carcinogenic potential for humans				
		TWA (Respirable particulate matter)	0,025 mg/m ³ (Silica)	ACGIH

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection

Remarks : Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

Skin and body protection : Body protection must be chosen based on level of activity and exposure.
acid- resp. lye-proof apron, e.g. of rubber (f.e. according to EN 14605)
protection boots, f.e. of rubber (e.g. according to EN 20346)
acid-proof chemical protection suit (f.e. according to EN 14605)

Protective measures : Do not inhale dust/fumes/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous

Color : beige to light brown

Odor : amine-like

SAFETY DATA SHEET



MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0	Revision Date: 08.02.2023	SDS Number: 000000786725	Date of last issue: - Date of first issue: 08.02.2023
----------------	------------------------------	-----------------------------	--

Odor Threshold	:	not determined
pH	:	> 12 (20 °C)
Melting point/freezing point	:	No data available
Boiling point	:	> 100 °C
Flash point	:	> 100 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	not flammable
Self-ignition	:	not self-igniting
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	Not applicable
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	1,75 g/cm ³ (20 °C)
Bulk density	:	(20 °C) Not applicable
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	not determined
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available

SAFETY DATA SHEET



MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version 1.0	Revision Date: 08.02.2023	SDS Number: 000000786725	Date of last issue: - Date of first issue: 08.02.2023
----------------	------------------------------	-----------------------------	--

Explosive properties	: Not explosive
Oxidizing properties	: not fire-propagating
Self-heating substances	: It is not a substance capable of spontaneous heating.
Metal corrosion rate	: No corrosive effect on metal.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	: The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	: No hazardous reactions if stored and handled as prescribed/indicated.
Incompatible materials	: metal strong alkalis Acids Oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

May be harmful in contact with skin.
May be harmful if inhaled.
Harmful if swallowed.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08.02.2023	000000786725	Date of first issue: 08.02.2023

Chronic toxicity**Germ cell mutagenicity**

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks : The product has not been tested. The statement has been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.

Components:**nonylphenol:**

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

Persistence and degradability**Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08.02.2023	000000786725	Date of first issue: 08.02.2023

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Observe national and local legal requirements. The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities. Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14. TRANSPORT INFORMATION**International Regulations****IATA-DGR**

UN/ID No. : UN 2735

Proper shipping name : Amines, liquid, corrosive, n.o.s.
(3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE, M-PHENYLENEBIS(METHYLAMINE))

Class : 8

Packing group : II

Labels : Corrosives

Packing instruction (cargo aircraft) : 855

Packing instruction (passenger aircraft) : 851

IMDG-Code

UN number : UN 2735

Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.
(3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE, M-PHENYLENEBIS(METHYLAMINE))

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08.02.2023	000000786725	Date of first issue: 08.02.2023

Class	: 8
Packing group	: II
Labels	: 8
EmS Code	: F-A, S-B
Marine pollutant	: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**ASIA_ ROAD**

UN number	: UN 2735
Proper shipping name	: AMINES, LIQUID, CORROSIVE, N.O.S. (3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE, M-PHENYLENEBIS(METHYLAMINE))
Class	: 8
Packing group	: II
Labels	: 8
Hazchem Code	: 2X

SECTION 15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 5

The ingredients of this product are reported in the following inventories:

AIIC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Revision Date : 08.02.2023

Date format : dd.mm.yyyy

Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
AU OEL	: Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / C	: Ceiling limit
AU OEL / TWA	: Exposure standard - time weighted average
AU OEL / STEL	: Exposure standard - short term exposure limit
AU OEL / Peak limit	: Exposure standard - peak

MasterCoat ER 1080 PART B (formerly MasterTop 1080)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08.02.2023	000000786725	Date of first issue: 08.02.2023

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

AU / EN