

MC-235

CONSTRUCTION PRIMER

1. Product & Company Identification

Product Details

Product name: MC-235 Construction Primer
Physical form: Liquid
Odour: Not Available
CAS No.: Mixture

Company Details

Manufacturer: Mohm Chemical Sdn. Bhd.
Address: No. 32, Jalan Temenggong, Off Jalan Tampoi,
81100 Johor Bahru, Johor, Malaysia.
Tel: + 607-3331222
Fax: + 607-3320545 / + 607-3337919

2. Hazards Identification

Hazard Pictogram



Signal Word: Danger

Classification

Flammable liquids	Category 2
Serious eye irritation	Category 2
Specific target organ toxicity, single exposure, Central nervous system (CNS)	Category 3

Hazard Statement

H225 - Highly flammable liquid
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary Statement – Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242 - Use only non-sparking tools.



MC-235

CONSTRUCTION PRIMER

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 - Use only outdoors or in a well-ventilated area.

P284 - Wear respiratory protection.

Precautionary Statement – Response

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370 + P378 - In case of fire: Use ... for extinction.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists - Get medical advice/attention.

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P321 - Specific treatment.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

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

Precautionary Statement – Storage

P403 + P235 - Store in a well-ventilated place. Keep cool.

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

Precautionary Statement – Disposal

P501 - Dispose of contents/container to approved waste treatment plants.

3. Composition / Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Ethyl Acetate	141-78-6	30 – 50
Butyl Acetate	123-86-4	10 - 30
3-Glycidoxypropyltrimethoxysilane	2530-83-8	1 - 10

4. First-aid Measures

Normal use does not require special measures, industrial protection in the long term, refer the following:

In case of swallowing: Do not induce vomiting. Get medical attention.

In case of inhalation: Remove victim to fresh area.

In case of skin contact: Wipe with paper towel and immediately clean with water and soap.

In case of eyes contact: Immediately flush with water, seek medical advice if necessary.



MC-235

CONSTRUCTION PRIMER

5. Fire Fighting Measures

Suitable extinguishing media:	All standard fire-fighting media, such as dry powder, CO ₂
Unsuitable extinguishing media:	Unknown
Hazardous decomposition:	Unknown
Specific protective actions for fire fighters:	Protective equipment: Wear self-contained respirator. Wear full protective impervious suit.

6. Accidental release measures

Normal use does not require special measures, industrial protection in the long term, refer the following:	
Personal precautions:	Wear protective equipment. Keep unprotected person away. Ensure adequate ventilation.
Emergency procedures:	Remove ignition source, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches, and bodies of water.
Environment precautions:	Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:	All waste must refer to the United Nations, the national and local regulations for disposal.

7. Handling and Storage

Normal use does not require special measures, industrial protection in the long term, refer the following:	
Handling:	Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eat and drink. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agent.
Protection against fire/explosion:	This product is flammable. General rules of fire prevention should be observed.
Storage:	Store in a cool place. Keep container closed, store in a dry and ventilated place.
Cautions:	Keep container tightly sealed.

8. Exposure control / Personal protection

Ingredients with limited values to be controlled:

CAS No.	Safework Australia	US OSHA	Malaysia OSHA
141-78-6	8 hours TWA 720mg/m ³	8 hours TWA 1400mg/m ³	8 hours TWA 1440mg/m ³

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.



MC-235

CONSTRUCTION PRIMER

Respiratory Protection:	Wear suitable protective mask in order to reduce the respiratory system contact. A large number of leakage, wear chemical protective clothing, including self-contained breathing apparatus.
Hand Protection:	Wear appropriate protective gloves to reduce skin contact.
Eyes Protection:	Wear safety goggles or eye protection combined with respiratory protection.
Skin and Body Protection:	Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

9. Physical and Chemical Properties

Form:	Liquid
Colour:	Slightly Yellow Transparency
Odour:	Not Available.
Odour Threshold:	Not Available.
pH:	Not Available.
Melting point/ freezing point:	Not Available.
Initial boiling point and boiling point range :	> 75°C
Flash point:	< 0°C (close cup)
Evaporation rate:	Not Applicable
Flammability:	Highly Flammable
Explosion limit (vol% in air):	Not Available.
Vapour pressure, kPa at 20°C:	Not Available.
Vapor density:	Not Available.
Density/ Relative density (water = 1)	0.94 ± 0.02
Solubility:	Not Available.
Partition coefficient: n-octanol/water	Not Available.
Auto-ignition temperature:	Not Available.
Decomposition temperature:	Not Available.
Viscosity:	150 – 350 cps.

Note: the above information is not intended for use in preparing specification.

10. Stability and Reactivity

Chemical stability:	Stable under recommended storage & handle condition
Incompatibility (material to be avoid):	Strong oxidizing agent and acid.
Conditions to be avoid:	Source of ignition.
Dangerous reactions:	None known.
Dangerous products of decomposition:	Carbon oxide.

11. Toxicological Information

Acute toxicity:	Not determined
Skin corrosion/ irritation:	Not available.



MC-235

CONSTRUCTION PRIMER

Serious eye damage/ irritation:	Not available.
Respiratory or skin sensitization:	Not available.
Germ cell mutagenicity:	Not available.
Carcinogenicity:	Not available.
Reproductive toxicity:	Not available.
Specific target organ toxicity- single exposure:	Not available.
Specific target organ toxicity- repeated exposure:	Not available.
Aspiration hazard:	Not available.
Information of the likely route of exposure:	Not available.
Eye:	Not available.
Skin:	Not available.
Ingestion:	Not available.
Inhalation:	Not available.

12. Ecological Information

Complete information not yet available.

13. Disposal considerations

Waste Treatment methods

Recommendation: Consult state, local or national regulations to ensure proper disposal.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

Road Transport (UNRTDG)

UN Number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s.
Technical Name	Ethyl Acetate
Hazard Class	3
Classification code	F1
Packing Group	II

Marine Transport (IMDG)

UN Number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s.
Technical Name	Ethyl Acetate
Hazard Class	3
EmS	F-E, S-E
Packing Group	II
Marine Pollutant	Not Marine Pollutant

Air Transport (ATA)

UN Number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s.



MC-235

CONSTRUCTION PRIMER

Technical Name	Ethyl Acetate
Hazard Class	3
Packing Group	II

15. Regulatory Information

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

CAS No.	TSCA	IECSC	DSL/ NDSL	EINECS/ ELINCS/ NLP
141-78-6	Listed	Listed	Listed DSL	Listed

16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

CAS: Chemical Abstracts Service

EC: European Commission

ACGIH: American Conference of Governmental Industrial Hygienist

NIOSH: US National Institute for Occupational Safety and Health

OSHA: US Occupational Safety and Health

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

PC-STEL: Permissible Concentration- Short Term Exposure Limit

PC-TWA: Permissible Concentration- Time Weighted Average

LC50: Lethal Concentration, 50 percent kill

LD50: Lethal Dose, 50 percent kill

IARC: International Agency for Research on Cancer

EC50: Median effective Concentration

BCF: Bio-concentration Factor

BOD: Biochemical Oxygen Demand

NOEC: No Observed Effect Concentration

NTP: US National Toxicology Program

RTECS: Registry of Toxic Effects of Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

TDG: Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations

TOC: Total Organic Carbon

TSCA: Toxic Substances Control Act of USA

DSL: the Domestic Substances List of Canada

NDSL: the Non-domestic Substances List of Canada

*** End Of SDS ***

