Safety Data Sheet

Printing date 01/24/2025 Version Number 1.0 Reviewed on 01/24/2025

1 Identification

Product identifier

Trade name: *MR6 Primer*

SDS ID Number: 80071

Relevant identified uses of the substance or mixture, and uses advised against:
Specialty construction product. Not intended for other uses.

Relevant identified uses of the substance or mixture: Waterproofing

Identified uses advised against:

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GCP Applied Technologies (UK) Ltd
(formerly Stirling Lloyd Polychem Ltd)
Gateway
Gate Street
Dukinfield
SK16 4RU
UNITED KINGDOM

T : +44 (0)1565 633111 (Technical/Commercial enquiries)
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De Neef Construction Chemicals BVBA
Industriepark 8,
2220 Heist-op-den-Berg,
Belgium.

Tel: +32 15 24 93 60
Fax: +32 15 24 80 72

Information department: APMSDS@gcpat.com

Emergency telephone number:

For Chemical Emergency: (Spill, Leak, Fire, Exposure or Accident) - Call CHEMTREC (Day/Night) on:

Within USA & Canada : 800-424-9300,
Outside USA & Canada : +1 703-741-5970

2 Hazard(s) identification

Classification of the substance or mixture

Highly flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.
May cause respiratory irritation.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

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Hazard pictograms

Signal word Danger

Hazard statements
Highly flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.
May cause respiratory irritation.
Precautionary statements
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF exposed or concerned: Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Hazard description: Flammable
NFPA ratings (scale 0 - 4)

Health = 2
Fire = 3
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *2
Flammability = 3
Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixture

Description: Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

Hazardous components:		
80-62-6	Methyl methacrylate	30-<40%
97-88-1	n-butyl methacrylate	5-<7.5%
99-97-8	N,N-dimethyl-p-toluidine	0.1-<1%
162627-17-0	Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	0.1-<1%

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Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

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

After skin contact: Wash with plenty of soap and water.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:

Most important symptoms and effects, both acute and delayed Allergic reactions

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

Prevent formation of aerosols.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Do not eat, drink or smoke when using this product.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapor.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground/bond container and receiving equipment.

Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Keep respirator available.

Further information about storage conditions:

Keep receptacle tightly sealed.

Protect from frost.

Store in a dry place.

Keep cool.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.

Control parameters

Components with limit values that require monitoring at the workplace:	
80-62-6 Methyl methacrylate	
EL (Canada)	Short-term value: 100 ppm Long-term value: 50 ppm S(D)

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EV (Canada)	Short-term value: 100 ppm Long-term value: 50 ppm
PEL (USA)	Long-term value: 410 mg/m³, 100 ppm
REL (USA)	Long-term value: 410 mg/m³, 100 ppm
TLV (USA)	Short-term value: 100 ppm Long-term value: 50 ppm DSEN, A4
97-88-1 n-butyl methacrylate	
EL (Canada)	Long-term value: 50 ppm
99-97-8 N,N-dimethyl-p-toluidine	
EL (Canada)	IARC 2B
WEEL (USA)	Long-term value: 0.5 ppm

Additional information:

The lists that were valid during the creation were used as basis.
Canadian employers must consult the exposure limits in their province.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves.

Material of gloves

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information
Appearance:
Form: Viscous liquid

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Color:	Various colors
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value (~):	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	17 °C (62.6 °F)
Flammability (solid, gaseous):	Highly flammable.
Auto igniting:	~430 °C (~806 °F)
Decomposition temperature:	Not determined.
Ignition temperature:	Not determined.
Danger of explosion:	In use, may form flammable/explosive vapor-air mixture.
Lower:	2 Vol %
Upper:	13 Vol %
Vapor pressure:	Not determined.
Density: (~)	Not determined.
Relative density	~1.3
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 20 °C (68 °F):	9,000-25,000 mPas
Kinematic:	Not determined.
Molecular weight	Not determined.
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity Will exothermically polymerize in the presence of initiators.

Chemical stability Stable in the presence of inhibitor.

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions

Susceptible to polymerization initiated by prolonged storage or the presence of catalyst.

Conditions to avoid Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Incompatible materials:

Polymerization catalysts, such as peroxy or azo compounds, strong acids, alkalis and oxidizing agents. Oxides and salts of
transition metals. Organic Nitrogen containing compounds. Cyclohexanone/Cyclohexenol tautomer.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

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11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:		
97-88-1 n-butyl methacrylate		
Dermal	LD50	22,600 mg/kg (rat)
	LD50	11,300 mg/kg (rabbit)
Inhalation	LC50, 4h	4,910 mg/l (rat)

Primary irritant effect:

on the skin: Causes skin irritation.

on the eye: No irritating effect expected

inhalation: May cause respiratory irritation.

Sensitization: May cause an allergic skin reaction.

Additional toxicological information: Suspected of causing cancer.

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity: Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable		
80-62-6	Methyl methacrylate	3
97-88-1	n-butyl methacrylate	2B
99-97-8	N,N-dimethyl-p-toluidine	2B

NTP (National Toxicology Program) K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients are listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

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13 Disposal considerations

Disposal methods:

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation:
Dispose of contents/container in accordance with local/regional/national/international regulations.

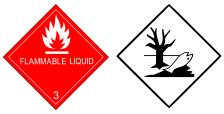
14 Transport information

UN-Number
DOT, IMDG, IATA UN1866

UN proper shipping name
DOT Resin solution
IMDG RESIN SOLUTION (trizinc bis(orthophosphate)), MARINE POLLUTANT
IATA RESIN SOLUTION

Transport hazard class(es)

DOT



Class 3 Flammable liquids
Label 3

IMDG

Class 3 Flammable liquids
Label 3

IATA

Class 3 Flammable liquids
Label 3

Packing group
DOT, IMDG, IATA II

Environmental hazards:
Marine pollutant: Yes (DOT)
Symbol (fish and tree)

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Special marking (ADR):	Symbol (fish and tree)
Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler code):	33
EMS Number:	F-E,S-E
Stowage Category	A

Transport/Additional information:

DOT
Remarks: Special marking with the symbol (fish and tree).

IMDG
Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

15 Regulatory information

Other regulations in domestic and foreign countries

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):
None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

80-62-6	Methyl methacrylate	37.2%
7779-90-0	trizinc bis(orthophosphate)	10.2%
7727-43-7	barium sulphate, natural	8.3%

SARA Section 312/Tier I & II Hazard Categories:
Physical Hazard - Flammable (gases, aerosols, liquids, or solids)
Health Hazard - Carcinogenicity
Health Hazard - Skin Corrosion or Irritation
Health Hazard - Respiratory or Skin Sensitization
Health Hazard - Specific target organ toxicity (single or repeated exposure)

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States):
All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):
All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:

	Proprietary Polyurethane Polymer - NJTSN801416143
7779-90-0	trizinc bis(orthophosphate)
20344-49-4	iron hydroxide oxide
	Proprietary copolymer - NJTSN801416148
7727-43-7	barium sulphate, natural
9005-09-8	Vinyl chloride-vinyl acetate-maleic acid

California Proposition 65: (Substances <0.1% unless noted in Section 3)

Chemicals known to cause cancer:
N,N-dimethyl-p-toluidine

Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.

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Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.

Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Carcinogenicity Categories

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists) **Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**	
Methyl methacrylate	A4

NIOSH-Cancer (National Institute for Occupational Safety and Health)
None of the ingredients are listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards. 374.8 g/l / 3.13 lb/gal

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS:

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The first date of preparation 03/02/2021

Number of revision times and the latest revision date 1.0 / 01/24/2025