

TIP TOP PRIMER S 500-2

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Issue date:23/02/2017 Revision date:27/01/2021 Supersedes:22/01/2020 Version: 1.4

SDS No: 00156-0132



SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Mixture
Product name : TIP TOP PRIMER S 500-2
Product code : 525 2310, 525 2341, 525 2358, 525 2480, 525 2488

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Primer Coat

1.4. Supplier's details

Supplier

REMA TIP TOP AG
65 Gruber Strasse
85586 Poing - Germany
T +49 (0) 8121 / 707 - 100

Importer

REMA TIP TOP Australia Pty Ltd.
3 - 7 Ironbark Close
Warabrook NSW 2304 - Australia
T +61-2-4935-0200
www.rema-tiptop.com.au

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number : +61-280735031, Infotrac/GBK GmbH-ID: 93591

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 3	H226
Acute toxicity (dermal), Category 4	H312
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335
Specific target organ toxicity — Repeated exposure, Category 2	H373

2.2. Label elements

Hazard pictograms (GHS AU) :



Flame

Exclamation mark

Health hazard

Signal word (GHS AU) : Warning

Contains : Reaction mass of ethylbenzene and xylene (60 - 80 %); Other substances (not contributing to the classification of this product) (10 - 20 %); Toluene (< 1 %); p-benzoquinone dioxime (≥ 0.01 - < 0.1 %)

Hazard statements (GHS AU) : H226 - Flammable liquid and vapour.
H312+H332 - Harmful in contact with skin or if inhaled
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

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Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P362 - Take off contaminated clothing.
P363 - Wash contaminated clothing before reuse
P235 - Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to in accordance with local and national regulations.

2.3. Other hazards

Other hazards not contributing to the classification : Vapours may form explosive mixture with air.

SECTION 3: Composition/information on ingredients

Comments : Preparation based on :
aromatic hydrocarbons.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Reaction mass of ethylbenzene and xylene		60 - 80	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
Other substances (not contributing to the classification of this product)		10 - 20	Not classified
Toluene	108-88-3	< 1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
p-benzoquinone dioxime	105-11-3	≥ 0.01 – < 0.1	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Skin Sens. 1A, H317 Muta. 2, H341 Carc. 2, H351 Aquatic Chronic 2, H411

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Take off immediately all contaminated clothing. Move the affected person away from the contaminated area. In the event of persistent symptoms receive medical treatment.

First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of vapours or decomposition products. In the event of symptoms refer for medical treatment.

First-aid measures after skin contact : Wash off immediately with soap and plenty of water. Treat subsequently with skin cream. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist.

First-aid measures after ingestion : Do not induce vomiting. Rinse mouth out with water. Never give anything by mouth to an unconscious person. Call a physician immediately. Do not induce vomiting without medical advice.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : Harmful if inhaled. May cause respiratory irritation.

Symptoms/effects after skin contact : Harmful in contact with skin. Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : Aspiration hazard.

Chronic symptoms : May cause damage to organs through prolonged or repeated exposure.

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4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

General measures : In case of vapour formation use adequate respirator. Use personal protective clothing. Ensure adequate air ventilation. Evacuate personnel to a safe area. Remove ignition sources.
Hazardous decomposition products in case of fire : Sulphur oxides. Nitrous gasses. Hydrogen chloride. Carbon monoxide. Carbon dioxide. Hydrogen chloride gas.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code : * 3Y
Other information : Vapours are heavier than air and may spread along floors. The vapour/air mixture is explosive, even in empty, uncleaned receptacles. Cool containers / tanks with spray water if possible. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : In case of vapour formation use adequate respirator. Use personal protective clothing. Ensure adequate air ventilation. Evacuate personnel to a safe area. Remove ignition sources.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe Vapours. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Shovel or sweep up and put in a closed container for disposal. Clean contaminated surface thoroughly.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat and sources of ignition. Handle uncleaned empty containers as full ones. Wear suitable respiratory equipment in case of insufficient ventilation. Keep container tightly closed. Take precautionary measures against static discharge. Do not smoke. Pay attention to explosion protection guidelines. Ensure good ventilation of the work station.
Hygiene measures : Do not inhale vapour. Avoid contact with skin, eyes and clothing. Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Pay attention to explosion protection guidelines. Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Incompatible materials : Strong acids. Strong oxidizing agent. Strong bases.
Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Toluene (108-88-3)	
Australia - Occupational Exposure Limits	
Local name	Toluene
OES TWA [1]	191 mg/m ³
OES TWA [2]	50 ppm
OES STEL	574 mg/m ³
OES STEL [ppm]	150 ppm
Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
Chemical category	Skin notation
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Pay attention to explosion protection guidelines.

8.4. Personal protective equipment

Hand protection : This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Butyl rubber	5 (> 240 minutes)	≥0,7		EN ISO 374

Eye protection : Tightly fitting goggles (EN 166). Eyewash bottle with clean water (EN 15154)

Skin and body protection : Long sleeved protective clothing. EN ISO 6530

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Respiratory protective device with a gas filter	Type A		EN 14387

Environmental exposure controls : Avoid release to the environment.

Other information : Do not inhale vapour. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Wash hands immediately after handling the product. Do not eat, drink or smoke during use. Take off contaminated clothing and wash it before reuse.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Black
Odour	: aromatic
Odour threshold	: No data available
pH	: Not determined
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point : Not determined Freezing point : Not determined
Boiling point	: Not determined
Flash point	: 25 °C
Auto-ignition temperature	: 460 °C Xylene (mixed isomers)
Decomposition temperature	: Not determined
Flammability (solid, gas)	: No data available
Vapour pressure	: Vapour pressure : Not determined

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Relative density	: No data available
Density	: Density : 0.92 – 0.96 g/cm ³ @ 20 °C
Solubility	: Not miscible.
Log Pow	: Not determined
Viscosity, kinematic	: > 20.5 mm ² /s @ 40 °C
Viscosity, dynamic	: 200 – 2000 mPa·s
Explosive properties	: Product is not explosive. Dust may form explosive mixture in air.
Oxidising properties	: Non oxidizing
Explosive limits	: No data available
Lower explosive limit (LEL)	: Not determined
Upper explosive limit (UEL)	: Not determined
Minimum ignition energy	: No data available
Softening point	: Not determined
Sublimation point	: Not applicable
VOC content	: < 75 % VOC Directive 2004/42/EC - Decorative paints and varnishes
Fat solubility	: No data available
Additional information	: Flow time : 70 - 120 s, @ 20 °C, 4 DIN 53211. Solvent content < 75%

SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Reactions with acids, alkalis and oxidizing agents.
Conditions to avoid	: To avoid thermal decomposition, do not overheat. Vapour/air mixtures are explosive.
Incompatible materials	: Strong oxidizing agent. Strong acids. Strong bases.
Hazardous decomposition products	: Thermal decomposition generates : Sulphur oxides. Nitrogen oxides. Hydrogen chloride. Carbon monoxide. Carbon dioxide. Hydrogen chloride gas.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Harmful if inhaled.

ATE AU (dermal)	1375 mg/kg bodyweight
ATE AU (dust,mist)	1.875 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: Not determined
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not determined
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified.

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Viscosity, kinematic	> 20.5 mm ² /s @ 40 °C
Potential adverse human health effects and symptoms	: May have a narcotic effect at high concentrations. High concentration of vapours may induce: headache, nausea, dizziness. Contact with the eyes is likely to be irritating

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

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Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Other information	: Do not flush into surface water or sewer system.

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Partition coefficient n-octanol/water (Log Kow)	Not determined
Log Pow	Not determined

12.2. Persistence and degradability

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Persistence and degradability	No data available.

12.3. Bioaccumulative potential

TIP TOP PRIMER S 500-2	
Log Pow	Not determined
Partition coefficient n-octanol/water (Log Kow)	Not determined
Bioaccumulative potential	No data available.

12.4. Mobility in soil

TIP TOP PRIMER S 500-2	
Ecology - soil	No data available.

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: Significantly hazardous to water.

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Fluorinated greenhouse gases	False

Toluene (108-88-3)	
Fluorinated greenhouse gases	False

Reaction mass of ethylbenzene and xylene	
Fluorinated greenhouse gases	False

p-benzoquinone dioxime (105-11-3)	
Fluorinated greenhouse gases	False

Other substances (not contributing to the classification of this product)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods	: Recycling is preferred to disposal or incineration. Can be incinerated according to local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Packaging that cannot be cleaned should be disposed of like the product. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1133	1133	1133
14.2. UN proper shipping name		
ADHESIVES	ADHESIVES	Adhesives
14.3. Transport hazard class(es)		
3	3	3
14.4. Packing group		
III - substances presenting low danger	III	III
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

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14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 1133
Special provision (ADG) : 223
Limited quantities (ADG) : 5l
Packing instructions (ADG) : P001, IBC03, LP01
Special packing provisions (ADG) : PP1
Portable tank and bulk container instructions (ADG) : T2
Portable tank and bulk container special provisions (ADG) : TP1

Transport by sea

UN-No. (IMDG) : 1133
Special provisions (IMDG) : 223, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG) : A

Air transport

UN-No. (IATA) : 1133
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

14.8. Hazchem or Emergency Action Code

Hazchem Code : * 3Y

SECTION 15: Regulatory information

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

National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

Australian Inventory of Chemical Substances (AICS) status : All the chemicals contained in this product are listed on the AICS

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

Relevant Poisons Schedule number : Schedule 6

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

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Classification:

Flam. Liq. 3	H226
Acute Tox. 4 (Dermal)	H312
Acute Tox. 4 (Inhalation:dust,mist)	H332
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
STOT SE 3	H335
STOT RE 2	H373

Full text of H-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 2	Flammable solids, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.