

Safety Data Sheet

Revision Date 09-Oct-2020

Version 11

Supersedes Date: 14-Jan-2020

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product code DTMA2035
Product name MULTI-USE DTM 2035 SERIES ACTIVATOR

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

Recommended use Hardener, Coatings

1.3. Details of the supplier of the safety data sheet

See section 16 for more information

Valspar Corporation
Level 4, 2 Burbank Place
Baulkham Hills, New South Wales 2153

Valspar Corporation
2-14 Patiki Road, Avondale 1026
Auckland, New Zealand

For further information, please contact

E-mail address sdshelpdesk@valspareurope.com

1.4. Emergency telephone number

Australia +(61)-290372994
New Zealand +(64)-98010034

Poison control centre phone number

Australia 13 11 26
New Zealand 0800 764-766

Section 2: HAZARDS IDENTIFICATION

GHS - Classification

Acute toxicity - Oral	Category 4
Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Acute aquatic toxicity	Category 2
Flammable liquids	Category 3

Label elements



Signal word

DANGER

Contains Methyl n-amyl ketone, 1-Butanol, Benzene, 1-chloro-4-(trifluoromethyl)-, Xylenes (o-, m-, p- isomers)

HAZARD STATEMENTS

Flammable liquid and vapour
Harmful if swallowed
CAUSES SKIN IRRITATION
Causes serious eye damage
May cause respiratory irritation
Toxic to aquatic life

PREVENTION

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves
Wear eye/face protection
Avoid breathing dust/fume/gas/mist/vapours/spray
Use only outdoors or in a well-ventilated area
Avoid release to the environment
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ ventilating/ lighting/ equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection
Keep cool

RESPONSE

Get medical advice/attention if you feel unwell

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician

Skin

IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

INHALATION

IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell

INGESTION

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

FIRE

In case of fire: Use CO₂, dry chemical, or foam for extinction

STORAGE

Store in a well-ventilated place. Keep container tightly closed
Store locked up

DISPOSAL

Dispose of contents/container to an approved waste disposal plant

OTHER HAZARDS

Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	25 - 50
1-Butanol	71-36-3	10 - 25
Methyl n-amyl ketone	110-43-0	10 - 25
Xylenes (o-, m-, p- isomers)	1330-20-7	5 - 10
Ethylbenzene	100-41-4	1 - 3

If this section is blank, there are no hazardous components per NOHSC guidelines.

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures****General Advice**

IF exposed or concerned: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

INHALATION

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

INGESTION

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms** None known.**4.3. Indication of any immediate medical attention and special treatment needed****Note to doctors** Treat symptomatically.**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media****Suitable Extinguishing Media** Dry chemical, CO₂, water spray or alcohol-resistant foam.**Not to be used for safety reasons:** Strong water jet**5.2. Special hazards arising from the substance or mixture**

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid breathing vapours or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General hygiene considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorised personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical name	Australia	New Zealand	ACGIH TLV
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³ F
1-Butanol 71-36-3	Peak: 50 ppm Peak: 152 mg/m ³	Ceiling: 50 ppm Ceiling: 150 mg/m ³ S*	TWA: 20 ppm
Methyl n-amyl ketone 110-43-0	TWA: 50 ppm TWA: 233 mg/m ³	TWA: 50 ppm TWA: 233 mg/m ³	TWA: 50 ppm
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 80 ppm TWA: 350 mg/m ³ STEL: 150 ppm STEL: 655 mg/m ³	TWA: 50 ppm TWA: 217 mg/m ³	STEL: 150 ppm TWA: 100 ppm
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 125 ppm STEL: 543 mg/m ³	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 125 ppm STEL: 543 mg/m ³	TWA: 20 ppm

Biological Limit Values:.

Chemical name	Australia	New Zealand
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6		160 µmol/L urine prior to shift Fluoride 3 mg/L urine prior to shift Fluoride 530 µmol/L urine end of shift Fluoride 10 mg/L urine end of shift Fluoride
Xylenes (o-, m-, p- isomers) 1330-20-7		1.5 g/L urine end of shift Methylhippuric acid

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Eye/Face Protection

Tight sealing safety goggles.

Skin and Body Protection

Wear suitable protective clothing. Wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water
Local authorities should be advised if significant spillages cannot be contained

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Appearance	No information available
Odour	Solvent
Colour	Clear
Odour threshold	No information available
PH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available °C / °F
Flash Point	28 °C / 82 °F
Method	
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability limit in air	
Upper flammability limit:	No information available
Lower flammability limit	No information available
Vapour pressure	No information available
Vapour Density	No information available
Specific gravity	1
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive Properties	No information available
Oxidising Properties	No information available

9.2. Other information

Molecular Weight No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerisation

None under normal processing.

Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidising agents. Halogens.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Chlorine.

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Information on Likely Routes of Exposure

Eye Contact Causes serious eye damage.
Skin contact CAUSES SKIN IRRITATION.
INGESTION Harmful if swallowed.
INHALATION May cause respiratory irritation.

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 1,319.00 Mg/kg
ATEmix (dermal) 15,279.00 Mg/kg
ATEmix (inhalation-dust/mist) 5.50 Mg/l
ATEmix (inhalation-vapour) 40.00 Mg/l

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

Numerical Measures of Toxicity - Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	= 13 g/kg (Rat)	> 2 mL/kg (Rabbit)	= 33 mg/L (Rat) 4 h
1-Butanol 71-36-3	= 700 mg/kg (Rat) = 790 mg/kg (Rat)	= 3402 mg/kg (Rabbit) = 3400 mg/kg (Rabbit)	> 8000 ppm (Rat) 4 h
Methyl n-amyI ketone 110-43-0	= 1600 mg/kg (Rat) = 1670 mg/kg (Rat)	= 12600 µL/kg (Rabbit) = 12.6 mL/kg (Rabbit)	2000 - 4000 ppm (Rat) 6 h
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit)	= 5000 ppm (Rat) 4 h = 29.08 mg/L (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation CAUSES SKIN IRRITATION
Serious eye damage/eye irritation Causes serious eye damage
Skin Sensitisation Not applicable
Respiratory Sensitisation Not applicable
Germ Cell Mutagenicity Not applicable
Carcinogenicity Not applicable
Reproductive toxicity Not applicable
Specific target organ toxicity (single exposure) May cause respiratory irritation
Specific target organ toxicity (repeated exposure) Not applicable
Xylenes (o-, m-, p- isomers)
Kidney, Liver, Nervous System
Ethylbenzene
Ears

Aspiration Hazard Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic organisms

Environmental Precautions Prevent product from entering drains.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6		11.5 - 15.8 mg/L <i>Lepomis macrochirus</i> 48h LC50	= 3.68 mg/L <i>Daphnia magna</i> 48h EC50
1-Butanol 71-36-3	> 500 mg/L <i>Desmodesmus subspicatus</i> 96 h EC50 > 500 mg/L <i>Desmodesmus subspicatus</i> 72 h EC50	= 1740 mg/L <i>Pimephales promelas</i> 96h LC50 100000 - 500000 µg/L <i>Lepomis macrochirus</i> 96h LC50 = 1910000 µg/L <i>Pimephales promelas</i> 96h LC50	= 1983 mg/L <i>Daphnia magna</i> 48h EC50 1897 - 2072 mg/L <i>Daphnia magna</i> 48h EC50

		1730 - 1910 mg/L <i>Pimephales promelas</i> 96h LC50	
Methyl n-amyl ketone 110-43-0		126 - 137 mg/L <i>Pimephales promelas</i> 96h LC50	
Xylenes (o-, m-, p- isomers) 1330-20-7		> 780 mg/L <i>Cyprinus carpio</i> 96h LC50 = 780 mg/L <i>Cyprinus carpio</i> 96h LC50 23.53 - 29.97 mg/L <i>Pimephales promelas</i> 96h LC50 7.711 - 9.591 mg/L <i>Lepomis macrochirus</i> 96h LC50 = 19 mg/L <i>Lepomis macrochirus</i> 96h LC50 13.1 - 16.5 mg/L <i>Lepomis macrochirus</i> 96h LC50 13.5 - 17.3 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 2.661 - 4.093 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 = 13.4 mg/L <i>Pimephales promelas</i> 96h LC50 30.26 - 40.75 mg/L <i>Poecilia reticulata</i> 96h LC50	= 3.82 mg/L water flea 48h EC50 = 0.6 mg/L <i>Gammarus lacustris</i> 48h LC50
Ethylbenzene 100-41-4	2.6 - 11.3 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50 = 4.6 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50 > 438 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50 1.7 - 7.6 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50	7.55 - 11 mg/L <i>Pimephales promelas</i> 96h LC50 = 4.2 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 = 32 mg/L <i>Lepomis macrochirus</i> 96h LC50 11.0 - 18.0 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 = 9.6 mg/L <i>Poecilia reticulata</i> 96h LC50 9.1 - 15.6 mg/L <i>Pimephales promelas</i> 96h LC50	1.8 - 2.4 mg/L <i>Daphnia magna</i> 48h EC50

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

Chemical name	Partition Coefficient (n-octanol/water)
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	3.7
1-Butanol 71-36-3	0.785
Methyl n-amyl ketone 110-43-0	1.98
Xylenes (o-, m-, p- isomers) 1330-20-7	3.15
Ethylbenzene 100-41-4	3.2

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

Section 14: TRANSPORT INFORMATION

14.1 UN/ID no	IMDG UN1263	ADG UN1263	IATA UN1263
14.2 Proper Shipping Name	Paint related material	Paint related material	Paint related material
14.3 Hazard class	3	3	3
14.4 Packing group	III	III	III
14.5 Environmental hazard			
14.6 Special Provisions	163, 223, 367 955 EmS-No F-E, S-E	163, 223, 367	A3, A72, A192
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE			No information available
HAZCHEM Code:	3Y		

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

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

National Regulations

Australia

See section 8 for national exposure control parameters

New Zealand

See section 8 for national exposure control parameters

ERMA New Zealand HSNO approval code or group standard

HSR002662: SURFACE COATINGS AND COLOURANTS (FLAMMABLE)

International Inventories

AICS - Australian Inventory of Chemical Substances

All components are listed or exempt from listing

NZIoC - New Zealand Inventory of Chemicals

All components are listed or exempt from listing

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Supplier Address

Valspar Automotive Australia Pty
Limited
Unit 11/8 Kerta Road
Kincumber, NSW 2251
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Prepared by Product Stewardship

Revision Date 09-Oct-2020

Revision note Not applicable.

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. **UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

End of Safety Data Sheet