SAFETY DATA SHEET

VHT SANDABLE PRIMERS

Infosafe No.: LQ2LH
ISSUED Date : 16/08/2013
ISSUED by: MOTOSPECS NZ

1. IDENTIFICATION

GHS Product Identifier
VHT SANDABLE PRIMERS

Product Code
SP301 TO SP308

Company Name
MOTOSPECS NZ

Address
278 Church Street Penrose
Auckland NEW ZEALAND

Telephone/Fax Number
Tel: 09-634-2123
Fax: 09-636-7978

Emergency phone number
0800 154 666 / +64 96239085 (24/7)

Recommended use of the chemical and restrictions on use
Aerosol coating

Other Names

Name	Product Code
PAINT-VHT PRIMER WHITE	SP301
PAINT-VHT PRIMER DARK GREY	SP302
PAINT-VHT PRIMER RED OXIDE	SP303
PAINT-VHT PRIMER LIGHT GREY	SP304
SELF ETCHING PRIMER 400G	SP307

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

HSNO Classification:
2.1.2A (1 Danger) - Flammable aerosols (1)
6.1D (Oral) - Substance that is acutely toxic
6.1E (Inhalation – vapours, dusts or mists) - Substance that is acutely toxic
6.3A - Substance that is irritating to the skin
6.4A - Substance that is irritating to the eyes
6.8B - Substance that is suspected to be a human reproductive or developmental toxicant
6.9B (Single exposure) - Substance that is harmful to human target organs or systems
9.1D - Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action
9.3C - Substance that is harmful to terrestrial vertebrates

Signal Word (s)
DANGER

Hazard Statement (s)
H222 Extremely flammable aerosol.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H333 May be harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.
H371 May cause damage to organs.
H401 Toxic to aquatic life.
H433 Harmful to terrestrial vertebrates.

Pictogram (s)
Exclamation mark, Flame, Health hazard

Precautionary statement – Prevention
P102 Keep out of reach of children. -This statement applies only where the substance is available to the general public.
P103 Read label before use. -This statement applies only where the substance is available to the general public.
P104 Read Safety Data Sheet before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P260 Do not breathe fumes/gas/mist/vapours/spray.
P264 Wash hands and skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection/face protection.
P281 Use personal protective equipment as required.

Precautionary statement – Response
GENERAL
P101 If medical advice is needed, have product container or label at hand. -This statement applies only where the substance is available to the general public.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
INHALATION
P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P331 Do NOT induce vomiting.
INGESTION
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P331 Do NOT induce vomiting.
SKIN
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before re-use.
EYE
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.

Precautionary statement – Storage
P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Precautionary statement – Disposal
P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Acetone	67-64-1	30-60 %
Petroleum gases, liquefied	68476-85-7	30-60 %
Toluene	108-88-3	10-30 %
Xylene	1330-20-7	1-10 %

4. FIRST-AID MEASURES

Inhalation
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion
Unlikely due to form of the product. If ingestion occurs, do not induce vomiting. Wash out mouth and lips with water. Seek immediate medical attention.

Skin
Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

Eye contact
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Remove contact lenses. If symptoms develop and/or persist seek medical attention.

First Aid Facilities
Eye wash and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use carbon dioxide, dry chemical, foam, water fog or water mist.

Unsuitable Extinguishing Media
Do not use water jet.

Hazards from Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide and unidentified organic compounds.

Specific Hazards Arising From The Chemical
This product is extremely flammable. Vapours are heavier than air and will 'travel' to low-level areas e.g. sumps, drains, etc. Aerosol containers may explode and may become a projectile in a fire. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Hazchem Code
2YE

Precautions in connection with Fire
Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Extinguish or remove all sources of ignition and stop leak if safe to do so. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Place inert, non-combustible absorbent material onto liquid spillage. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water authorities and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. Do not spray on a naked flame or any incandescent material. Do NOT puncture, cut or heat containers as they may contain hazardous residues. Do not smoke. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities
Store in a cool (<49°C), dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Protect container against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. For information on the design of the storeroom, reference should be made to Australian Standard AS 2278-2000 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive. Reference should also be made to all Local, State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
No exposure value assigned for this material by the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m³	ppm	mg/m³	
Petroleum gases, liquefied.	1000	1800	-	-	-
Toluene	50	188	-	-	Sk
Acetone	500	1185	1000	2375	Bio
Xylene	50	217	-	-	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.
Bio: Exposure can also be estimated by biological monitoring.

Biological Limit Values
Biological Exposure Indice BEI from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Determinant	Sampling Time	Biological Exposure Indice (BEI)
TOLUENE [108-88-3]		
Toluene	End of Shift	0.03 mg/L
Toluene	Prior to last shift of work week	0.02 mg/L
o-Cresol with hydrolysis	End of Shift	0.3 mg/g
ACETONE [67-64-1] Acetone in urine	End of shift	50 mg/L
XYLENES [1330-20-7)		
Methylhippuric acids in urine	End of shift	1.5 g/g creatinine

Appropriate Engineering Controls
Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection
Safety glasses with side shields or goggles as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection
Wear gloves of impervious material such as neoprene gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection
Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of chemical resistant apron and safety boots is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Aerosol paint

Colour
Not available

Odour
Solvent odour

Melting Point
Not available

Boiling Point
-25 to 199°C

Solubility in Water
Not available

Solubility in Organic Solvents
Not available

Specific Gravity
Not available

pH
Not applicable

Vapour Pressure
52 +/- 5 psig at 21°C

Vapour Density (Air=1)
Heavier than air.

Evaporation Rate
Faster than ether

Odour Threshold
Not available

Viscosity
Not available

Partition Coefficient: n-octanol/water
Not available

Flash Point
Propellant below -18°C

Flammability
Extremely flammable.

Auto-Ignition Temperature
Not available

Flammable Limits - Lower
0.9%

Flammable Limits - Upper
9.5%

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Heat, direct sunlight, open flames or other sources of ignition.

Incompatible materials
Strong oxidising agents, strong acids and bases, selected amines.

Hazardous Decomposition Products
Thermal decomposition and combustion produce noxious fumes containing carbon monoxide, carbon dioxide and unidentified organic compounds.

Possibility of hazardous reactions
Reacts with incompatibles.

Hazardous Polymerization
Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No toxicity data are available for this product.

Ingestion
Unlikely to occur due to physical state of the product. However, harmful if swallowed. If ingested, may irritate the gastric tract causing nausea and vomiting.

Inhalation
May be harmful if inhaled. Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin
Causes skin irritation. The symptoms may include redness, itching and swelling.

Eye
Causes serious eye irritation. The symptoms may include redness, itching and tearing.

Respiratory sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
Not expected to be a skin sensitiser.

Germ cell mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not expected to be carcinogenic.

Reproductive Toxicity
Suspected of damaging fertility or the unborn child.

STOT-single exposure
May cause damage to organs through exposure by inhalation.

Aspiration Hazard
Not expected to be an aspiration hazard.

Chronic Effects
Prolonged or repeated skin contact may cause defatting leading to drying and cracking of skin and dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches. Chronic exposure may have adverse effects on the central nervous system, liver and kidneys.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life. Harmful to terrestrial vertebrates.

Persistence and degradability
No data are available for this material.

Mobility
No data are available for this material.

Bioaccumulative Potential
Not available

Environmental Protection
Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations
Product Disposal:
Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In this specific case the product is a solvent-

based, flammable substance and therefore can be sent to an approved high temperature incineration plant for disposal.
Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.
Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.
In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:
Container can be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.
Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.
In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

14. TRANSPORT INFORMATION

Transport Information
This material is classified as Dangerous Goods Division 2.1 - Flammable Gases according to NZS 5433:2012 Transport of Dangerous Goods on Land.
Must not be loaded in the same freight container or on the same vehicle with:
- Class 1, Explosives
- Class 3, Flammable liquids
- Division 4.2, Spontaneously combustible substances
- Division 4.3, Dangerous when wet substances
- Division 5.1, Oxidising substances
- Division 5.2, Organic peroxides
- Class 7, Radioactive materials unless specifically exempted.

Must not be loaded in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:
- Division 4.1 Flammable solids

Marine Transport (IMO/IMDG):
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Division: 2.1
EmS: F-D,S-U
UN-No: 1950
Special Provisions: 63 190 277 327 344 959
Proper Shipping Name: Aerosols

Air Transport (ICAO/IATA):
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
Division: 2.1
Packaging Instructions (cargo only): 203
Packaging Instructions (passenger & cargo): 203
UN-No: 1950
Label: Flammable gas
Proper Shipping Name: Aerosols,flammable
Special provisions: A145, A167, A802

U.N. Number
1950

UN proper shipping name
AEROSOLS

Transport hazard class(es)
2.1

Hazchem Code
2YE

IERG Number
49

IMDG Marine pollutant
No

15. REGULATORY INFORMATION

National and or International Regulatory Information
New Zealand:
Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempted.
Group Standard:
Aerosols (Flammable) Group Standard 2006

HSNO Approval Number
HSR002515

16. OTHER INFORMATION

Date of preparation or last revision of SDS
SDS Created: August 2013

References
Workplace Exposure Standards and Biological Exposure Indices , Department of Labour, Health & Safety.
Transport of Dangerous goods on land NZS 5433.
Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).
Assigning a hazardous substance to a group standard.
American Conference of Industrial Hygienists (ACGIH).

User Codes

User Title Label	User Codes
SKU	A1056292
SKU	A1056293
SKU	A1056294
SKU	A1056295
SKU	A1207832
SKU	A1256129
SKU	A4410513
SKU	A4410521
SKU	A4727991
SKU	A7434871
SKU	A9409480

END OF SDS