

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: HVP102 – Vinyl Blue

HVP110 - Burgandy HVP106 - Flat Black HVP104 - Gloss Black HVP101 - Yellow

Product Name: Duplicolor Vinyl Paint Blue, Burgandy, Flat Black & Yellow, 312gm

Revision Date:Mar 10, 2020Date Printed:Mar 10, 2020Version:2.0Supersedes Date:Jun 06, 2015.

Manufacturer's Name: MMP Industrial New Zealand Pty Ltd

Address: 3-5 Hannabus Place, Mulgrave NSW 2756 Australia

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Product/Recommended Uses: Protective Coating

SECTION 2) HAZARDS IDENTIFICATION

Classification

Aerosols Category 1

Eye Irritation - Category 2A

Reproductive Toxicity - Category 2

Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3

Pictograms







Signal Word

Danger

Poisons schedule

Not applicable

Hazardous Statements - Health

Causes serious eye irritation

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

Hazardous Statements - Physical

Extremely flammable aerosol

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Precautionary Statements - Prevention

Wash hands, face and exposed skin thoroughly after handling.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Wear protective gloves/protective clothing/eye protection/face protection.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Keep container tightly closed.

Precautionary Statements - Response

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

Specific treatment- see First Aid on this label.

Use dry chemical, foam, carbon dioxide to extinguish.

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

If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention.

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

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Store locked up.

Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Hazards

Harmful if inhaled.

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight	
0000067-64-1	ACETONE	30% - 60%	
0000106-97-8	BUTANE	10% - 30%	
0000078-93-3	METHYL ETHYL KETONE	10% - 30%	
0000074-98-6	PROPANE	10% - 30%	
0000763-69-9	ETHYL-B-ETHOXY PROPIONATE	1% - 10%	
0000108-88-3	TOLUENE	1% - 10%	
0013463-67-7	TITANIUM DIOXIDE	<1%	
0000108-10-1	METHYL ISOBUTYL KETONE	1% - 10%	
0001333-86-4	CARBON BLACK	0% - 1%	

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

If exposed/lf you feel unwell/if concerned: Call a POISON CENTER/doctor/. Remove source of exposure or move person to fresh air, keep comfortable for breathing and keep warm. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Remove contaminated clothing and loosen remaining clothing. Eliminate all ignition sources if safe to do so.

Eve Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Store contaminated clothing under water and wash before re-use or discard. If skin irritation occurs: Get medical advice/attention. For skin burns, cover with a clean, dry dressing until medical help is available. IF exposed or concerned: Get medical advice/attention. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Ingestion

Rinse mouth. Give a glass of water to drink. Never give anything by mouth to an unconscious or convulsing person. Do NOT induce vomiting. If vomiting occurs naturally, give further water. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.

Most Important Symptoms and Effects, Both acute and Delayed

Swelling, redness, blistering or irritation.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use caution when applying carbon dioxide in confined spaces. Small Fire: Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Large Fire: Water spray, fog or alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use straight stream of water.

Specific Hazards in Case of Fire

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Containers may explode in fire. Cylinders exposed to fire may vent and release toxic gas through pressure relief devices. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Ruptured cylinders may rocket. Vapors may travel to source of ignition and flash back.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged

containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

Special Protective Actions

Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Do not walk through released material.

Recommended Equipment

Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

DO NOT breathe gas, vapor or mist.

Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

DO NOT get on skin, eyes or clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Neutralization may be required before discharging sewage into treatment plants.

Methods and Materials for Containment and Cleaning up

Ventilate area after clean-up is complete. Rinse away with water. For large spills: absorb with vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal. Use clean, non-sparking tools to collect absorbed material. Dispose of contaminated materials according to federal, state and local regulations.

SECTION 7) HANDLING AND STORAGE

General

Remove contaminated clothing and protective equipment before entering eating areas.

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors, mists or aerosols.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

All containers must be properly labelled.

Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

Storage Room Requirements

Eliminate all sources of ignition. Protect containers against banging or other physical damage when storing, transferring, or using them. Keep away from incompatible materials (e.g. oxidizers). Keep containers securely sealed when not in use, check regularly for leaks. Store

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear safety glasses with side shields.

Skin Protection

Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity.

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to AS/NZS 1715 and AS/NZS 1716 should be followed. Check with respiratory protective equipment suppliers. If risk of inhalation exists wear organic vapor/particulate respirator.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH TWA (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	WES TWA (mg/m3)
ACETONE		500		250	A4	URT & eye irr; CNS impair	A4; BEI	1185
BUTANE		1000 (EX)				CNS impair		1900
CARBON BLACK	3 (I)				А3	Bronchitis	АЗ	3
METHYL ETHYL KETONE		300		200		URT irr; CNS & PNS impair	BEI	445
METHYL ISOBUTYL KETONE		75		20	А3	URT irr; dizziness; headache	A3; BEI	205
PROPANE		Simple asphyxiant (D), explosion hazard (EX)				Asphyxia		
TITANIUM DIOXIDE	10				A4	LRT irr	A4	10
TOLUENE				20	A4	Visual impair; female repro; pregnancy loss	A4; BEI	191

Chemical Name	WES STEL (ppm)	WES STEL (mg/m3)	WES TWA (ppm)	WES HEALTH	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)
ACETONE	1000	2375	500		1000	2400		
BUTANE			800					
CARBON BLACK						3.5		
METHYL ETHYL KETONE		890	150		200	590		
METHYL ISOBUTYL KETONE	75	307	50		100	410		
PROPANE					1000	1800		
TITANIUM DIOXIDE						15		
TOLUENE	150	574	50	Sk	200 (a)/ 300 ceiling	0.2	500ppm /10 minutes (a)	

Chemical	OSHA Skin	OSHA
Name	designation	Carcinogen

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ACETONE	
BUTANE	
CARBON BLACK	
METHYL ETHYL KETONE	
METHYL ISOBUTYL KETONE	
PROPANE	
TITANIUM DIOXIDE	
TOLUENE	

⁽C) - Ceiling limit, (I) - Inhalable fraction, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, PNS - Peripheral nervous system, repro - reproductive, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

 Density
 6.68 lb/gal

 Specific Gravity
 0.77-0.79

 % VOC
 87.50%

 Density VOC
 5.84 lb/gal

 % Solids By Weight
 0.00%

Appearance Coloured liquid

Odor Description Data not available

Odor Threshold Data not available

pH Data not available

Water Solubility Data not available

VOC Part A & B Combined Data not available

Flash Point Symbol < Flash Point $0 \, ^{\circ}\mathrm{C}$

Viscosity Data not available Lower Explosion Level Data not available Vapor Pressure Data not available Upper Explosion Level Data not available Vapor Density Data not available Freezing Point Data not available Melting Point Data not available Low Boiling Point Data not available High Boiling Point Data not available Auto Ignition Temp Data not available Decomposition Pt Data not available **Evaporation Rate** Data not available Coefficient Water/Oil Data not available

SECTION 10) STABILITY AND REACTIVITY

Stability

The product is stable under normal storage conditions.

Conditions to Avoid

Avoid heat, sparks, flame, elevated temperatures, sources of ignition and contact with incompatible materials.

Hazardous Reactions/Polymerization

Will not occur.

Incompatible materials

Oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Route of Exposure

Inhalation, skin contact, eye contact and ingestion.

Skin Corrosion/Irritation

0000067-64-1 ACETONE

Can cause skin irritation.

0000108-88-3 TOLUENE

Contact can irritate the skin.

Carcinogenicity

No data available.

Serious Eye Damage/Irritation

Causes serious eye irritation

0000067-64-1 ACETONE

Exposure can irritate the eyes.

0000078-93-3 METHYL ETHYL KETONE

Contact can severely irritate and burn the eyes.

0000108-10-1 METHYL ISOBUTYL KETONE

Contact can irritate and burn the eyes.

0000108-88-3 TOLUENE

Contact can irritate the eyes.

Respiratory/Skin Sensitization

Material may be an irritant to mucous membranes and respiratory tract.

0000067-64-1 ACETONE

Can irritate the nose and throat causing coughing and wheezing.

0000078-93-3 METHYL ETHYL KETONE

Can irritate the skin causing a rash. Breathing can irritate the nose and throat causing coughing and wheezing.

0000108-10-1 METHYL ISOBUTYL KETONE

Prolonged contact can cause a skin rash, dryness and reddness. Breathing can irritate the nose and throat causing coughing and wheezing.

Prolonged contact can cause a skin rash, dryness and redness.

0000108-88-3 TOLUENE

Inhaling can irritate the nose and throat.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

Suspected of damaging fertility or the unborn child

Specific Target Organ Toxicity - Single Exposure

Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination and impaired judgment.

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

May cause drowsiness or dizziness

0000067-64-1 ACETONE

May affect the kidneys and liver.

0000078-93-3 METHYL ETHYL KETONE

Exposure can cause dizziness, lightheadedness, headache, nausea, and blurred vision.

0000108-10-1 METHYL ISOBUTYL KETONE

Exposure to high concentrations can cause you to feel dizzy and lighheaded, and to pass out.

May damage the liver and kidneys. Exposure to high concentrations can cause you to feel dizzy and lightheaded, and to pass out.

0000108-88-3 TOLUENE

May affect the nervous system causing headache, dizziness and passing out.

Specific Target Organ Toxicity - Repeated Exposure

Prolonged exposure to inhalation of high concentration can lead to unconsciousness.

0000078-93-3 METHYL ETHYL KETONE

Repeated high exposure can damage the nervous system and may affect the brain.

0000108-88-3 TOLUENE

Repeated exposure may cause liver, kidney and brain damage.

Aspiration Hazard

No data available.

Acute Toxicity

Harmful if inhaled.

Material may be an irritant to mucous membranes and respiratory tract.

Inhalation of vapour can result in headaches, dizziness and possible nausea.

Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

An asphyxiant, exposure to high concentrations can cause suffocation.

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

May cause lung damage if swallowed.

Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

0000108-10-1 METHYL ISOBUTYL KETONE

Breathing the vapor can cause headache, loss of appetite, nausea, vomiting, and diarrhea.

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

0000067-64-1 ACETONE

Substance can be absorbed into the body by inhalation.

0000078-93-3 METHYL ETHYL KETONE

Can be absorbed into the body by inhalaation, by ingestion and through the skin.

0000106-97-8 BUTANE

The substance can be absorbed into the body by inhalation.

0000108-10-1 METHYL ISOBUTYL KETONE

Can be absorbed into the body by inhalation of its vapor and by ingestion.

The substance can be absorbed into the body in inhalation of its vapour and by ingestion.

0000108-88-3 TOLUENE

The substance can be absorbed into the body by inhalation, through the skin and by ingestion.

Potential Health Effects - Miscellaneous

0000067-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

0000078-93-3 METHYL ETHYL KETONE

Material is irritating to mucous membranes and upper respiratory tract. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, eyes, respiratory system, skin. Prolonged or repeated overexposure may cause any of the following: conjunctivitis, dermatitis. High concentrations have caused embryotoxic effects in laboratory animals. Aspiration may occur during swallowing or vomiting, resulting in lung damage. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

0000108-10-1 METHYL ISOBUTYL KETONE

The following medical conditions may be aggravated by exposure: asthma, respiratory disease, eye disorders, pulmonary conditions, skin disorders. Repeated or prolonged skin contact may cause any of the following: dryness, cracking of the skin, defatting. Inhalation may cause any of the following: dizziness, stupor (central nervous system depression), drowsiness, respiratory tract irritation.

0000108-88-3 TOLUENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin. Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

0000763-69-9 ETHYL-B-ETHOXY PROPIONATE

Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

0001333-86-4 CARBON BLACK

Is an IARC, NTP or OSHA carcinogen. Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. The following medical conditions may be aggravated by exposure: asthma, respiratory disease. WARNING: This chemical is known to the State of California to cause cancer.

0013463-67-7 TITANIUM DIOXIDE

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m3 respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m3 level are not relevant to the workplace. Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

Chronic Exposure

0000108-88-3 TOLUENE

TERATOGENIC EFFECTS:Toluene has been Classified as POSSIBLE for humans.

0001333-86-4 CARBON BLACK

CARCINOGENIC EFFECTS: In 1996, the IARC reevaluated Carbon Black as a Group 2B carcinogen. This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence.

Prolonged inhalation of Carbon black can result in lung disease. Symptoms include coughing, shortness of breath, wheezing and reduced pulmonary function.

0000108-88-3 TOLUENE

LC50 (rat): 8800 ppm (4-hour exposure) (2) LC50 (rat): 6000 ppm (6-hour exposure) (3) LD50 (oral, rat): 2600 to 7500 mg/kg (3,5,11,17) LD50 (oral, neonatal rat): less than 870 mg/kg (3)

LD50 (dermal, rabbit): 12,225 mg/kg (reported as 14.1 ml/kg) (1)

0000067-64-1 ACETONE

LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m3 (4-hour exposure) (29) LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m3 (4-hour exposure) (29)

LD50 (oral, female rat): 5800 mg/kg (24)

LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg) (31) LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg) (31)

LD50 (oral, mouse): 3000 mg/kg (32,unconfirmed)

LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg) (30)

0001333-86-4 CARBON BLACK

LC50 (rat): 6750 mg/m3 (4-hour exposure); cited as 27000 mg/m3 (27 mg/L) (1-hour exposure) (3)

0000108-10-1 METHYL ISOBUTYL KETONE LC50 (rat): 2000 - 4000 ppm (4-hour exposure) (1)

LD50 (oral, rat): 2,080 mg/kg (1)

LD50 (oral, male mouse): 1,200 mg/kg; cited as 1.5 mL/kg (3)

LD50 (dermal, rabbit): greater than 3000 mg/kg (9) 0000078-93-3 METHYL ETHYL KETONE

LC50 (male rat): 11,700 ppm (4-hour exposure) (3)

LC50 (male rat): 11,300 ppm (4-hour exposure); cited as 23.5 mg/L (7,990 ppm) (8-hour exposure) (4)

LD50 (oral, adult male rat): 2,740 mg/kg; cited as 3.4 mL/kg (1)

LD50 (dermal, rabbit): greater than 5,000 mg/kg (29)

0000106-97-8 BUTANE

LC50 (mouse): 202000 ppm (481000 mg/m3) (4-hour exposure); cited as 680 mg/L (2-hour exposure) (9) LC50 (rat): 276000 ppm (658000 mg/m3) (4-hour exposure); cited as 658 mg/L (4-hour exposure) (9)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No data available.

Persistence and Degradability

0000067-64-1 ACETONE

91% readily biodegradable, Method: OECD Test Guideline 301B

Readily biodegradable.

0000078-93-3 METHYL ETHYL KETONE

Readily biodegradable.

0000106-97-8 BUTANE

Readily biodegradable.

0000108-10-1 METHYL ISOBUTYL KETONE

Readily biodegradable.

0001333-86-4 CARBON BLACK

Carbon Black's insolubility in water results in it not being biodegradable in any medium or by biota. It is considered persistent in the natural environment.

Bio-accumulative Potential

No data available.

Mobility in Soil

0000067-64-1 ACETONE

The substance is not PBT / vPvB

The substance is not PBT / vPvB.

0000078-93-3 METHYL ETHYL KETONE

The substance is not PBT / vPvB

The substance is not PBT / vPvB.

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

0000106-97-8 BUTANE

Readily biodegradable.

This substance is not PBT/vPvB

0000108-10-1 METHYL ISOBUTYL KETONE

The substance is not PBT / vPvB

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14) TRANSPORT INFORMATION

ADG Information

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN number: 1950 Hazard class: 2.1 Packaging group: None Hazchem Code: 2YE

Proper shipping name: AEROSOLS

IMDG Information

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea

UN number: 1950 Hazard class: 2.1 Packaging group: None Hazchem Code: 2YE

Proper shipping name: AEROSOLS

IATA Information

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN number: 1950 Hazard class: 2.1 Packaging group: None Hazchem Code: 2YE

Proper shipping name: AEROSOLS

SECTION 15) REGULATORY INFORMATION

HSNO Group Standard: Aerosols Flammable Group Standard 2006: HSR002515

2.1.2A Aerosols 6.4A Eye Irritation 6.8B – Reproductive Toxicity

This material/constituent(s) is covered by the following requirements:

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

CAS	Chemical Name	% By Weight	Regulation List
0000067-64-1	ACETONE	30% - 60%	DSL,TSCA
0000106-97-8	BUTANE	10% - 30%	DSL,VOC,TSCA
0000078-93-3	METHYL ETHYL KETONE	10% - 30%	DSL,VOC,TSCA
0000074-98-6	PROPANE	10% - 30%	DSL,VOC,TSCA
0000763-69-9	ETHYL-B-ETHOXY PROPIONATE	1% - 10%	DSL,VOC,TSCA
0000108-88-3	TOLUENE	1% - 10%	DSL,VOC,IARCCarcinogen,TSCA
0013463-67-7	TITANIUM DIOXIDE	<1%	DSL,IARCCarcinogen,TSCA
0000108-10-1	METHYL ISOBUTYL KETONE	1% - 10%	DSL,VOC,IARCCarcinogen,TSCA
0001333-86-4	CARBON BLACK	0% - 1%	DSL,IARCCarcinogen,TSCA

SECTION 16) OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ADG- Australian Dangerous Goods Code; CAS- Chemical Abstract Service; DSL- Domestic Substances List; LC- Lethal Concentration; LD- Lethal Dose; OSHA- Occupational Safety and Health Administration; SCBA- Self Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; VOC- Volatile Organic Compounds; WES- Workplace Exposure Standards

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.