Prime-Bond®
Multi Purpose Adhesives

AQH Import & Export (Pty) Ltd
t/a Prime-Bond

Material Safety Data Sheet

Revision Date 4-April-2023
MSDS No.:22-01-008

TYPE : PB103 300ml GRASS GREEN

Revision date: 29/03/2022 **SDS Record Number: CSSS-TCO-010-150776**

1 Chemical Product and Company Identification

Chemical name: SPRAY PAINT
Additional identification: Not available
Product code: Not available
Identification of the product: See section 3

Relevant identified uses of the substance and uses advised against

Identified uses: Mainly used in metal, wood, glass, leather products, ceramics, ABS plastic and other materials of the object spray paint.

Uses advised against: Not available

Details of the supplier of the safety data sheet

Name:AQH Import and Export (Pty) Ltd T/A Prime-Bond

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2 Hazards Identification

Emergency Overview: Colored Aerosol. Pungent odor. Extremely flammable aerosol. Pressurized container: may burst if heated. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Causes damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

GHS Classification:

Physical hazards	Aerosols	Category 1
Health hazards	Acute toxicity - oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Specific target organ toxicity (single exposure)	Category 1
	Specific target organ toxicity (single exposure)	Category 3
	Specific target organ toxicity (repeated exposure)	Category 1
Environmental hazards	Hazardous to the aquatic environment - acute hazard	Category 3
	Hazardous to the aquatic environment - long-term hazard	Category 3

Label elements

Signal Word(s): Danger
Hazard Statement: H222: Extremely flammable aerosol
H229: Pressurized container: may burst if heated
H302: Harmful if swallowed
H315: Causes skin irritation

H319: Causes serious eye irritation
H351: Suspected of causing cancer
H370: Causes damage to organs
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H372: Causes damage to organs through prolonged or repeated exposure
H412: Harmful to aquatic life with long lasting effects

Precautionary statement
Prevention:

P201: Obtain special instructions before use.
P202 +P210: Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302: IF ON SKIN: Wash with plenty water.

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.

P308 + P313: IF exposed or concerned: Call a POISON CENTER/doctor.

P311: Call a POISON CENTER/doctor if you feel unwell.

P330: Rinse mouth.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

Storage:

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50 ºC/122 ºF.

Disposal:

P501: Dispose of contents/container to local regulations.

Physical and chemical hazards:

Extremely flammable aerosol. Pressurized container: may burst if heated. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

Health Hazards:

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Causes damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure.

Environmental hazards:

Harmful to aquatic life with long lasting effects.

Other hazards:

This product has not been found to have other hazards which are outside the scope of GB30000.2-29.

3 Composition Information on Ingredients

Substance/Mixture/Article: Mixture

Chemical Name	CAS No.	EC No.	Concentration (%)
methylene chloride	75-09-2	200-838-9	30-50%
2-Propenoic Acid, Polymer	9003-01-4	618-347-7	15-40%
Mesitylene	108-67-8	203-604-4	5-15%
Ethyl acetate	141-78-6	205-500-4	1-15%
toluene	108-88-3	203-625-9	10-20%
Plasticizer	/		0.1-1%
Pigment	/		1-8%
Dimethyl ether	115-10-6	204-065-8	UP100%

Ingredient(s):
Undisclosed ingredients include: 1) non-hazard ingredients, and 2) ingredients which are below the cut-off value required by Section

3.3 of GB / T 17519.

4 First Aid Measures

In case of inhalation: Transfer to fresh air and keep comfortable for breathing. Get medical advice/attention immediately.

In case of skin contact: Take off all contaminated clothing immediately. Wash skin with water/ shower. All contaminated clothing shall be washed before reuse. In case of skin irritation: Get medical advice/attention.

In case of eyes contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of ingestion: Drink plenty of water. Call a POISON CENTER/doctor immediately. Rinse mouth. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Causes damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure.

To protect playing rescuer advice and the special hints to the doctor:	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5 Fire-fighting Measures

Extinguishing agent

Suitable extinguishing media:	Dry chemical extinguishing agent, carbon dioxide, fog water.
Unsuitable extinguishing media:	Avoid using DC water to extinguish fire, so as to avoid material splashes and fire spread.
Special hazards:	Extremely flammable aerosol. Pressurized container: may burst if heated. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.
Special fire fighting methods and	Firefighters should wear self-contained breathing apparatus, and wear full body fire

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Use suitable personal protective equipment. Provide good ventilation. Avoid generating and inhaling vapors. Avoid contact with skin and eyes. Evacuate unrelated persons. According to the liquid flow or vapor diffusion area of influence, designate warning area. Evacuate unrelated personnel from crosswind, upwind side.
Environmental precautions:	Avoid release to the environment. In case of leakage into drainage system / aquatic environment, notify local authorities. Take measures to prevent further releases or spills while ensuring safety. Prevent spills from entering water, sewer, basement or limited space.
Methods and materials for containment and cleaning up:	Absorb spillage with suitable absorbent material.
Precautions to prevent the occurrence of secondary hazards:	Clean up spills immediately to prevent leaks again.

7 Handling and Storage

Safe handling

Local and general ventilation:	Provide adequate ventilation.
Safety instructions:	Operators should follow the procedure and use the personal protective equipment recommended by the SDS section 8.
Precautions:	Keep away from open flames, hot surfaces and sources of ignition. In case of poor ventilation wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling and prohibit eating in the workplace. Handling products should be carefully unloading, to avoid damage to packaging and containers.

Storage

Suitable storage conditions:	Store in correctly labelled containers. Keep container tightly closed, in a cool, well ventilated place. Protect from sunlight.
Incompatible materials:	Oxidizing agents, strong acid, and strong alkali.
Safe packaging materials:	Keep it in the original container.

8 Exposure Controls / Personal Protection

Respiratory protection:	Wear respiratory protection.
Hand protection:	Wear chemically resistant gloves.
Eye protection:	Use eye protection.
Skin and body protection:	Wear chemical protection suit, boots.
Hygiene measures:	Avoid contact with eyes. Wash hands after handling. Do not eat and drink in the workplace.

9 Physical and Chemical Properties

Appearance:	Colored Aerosol
Odor:	Pungent odor
Odor threshold:	No data available
Molecular formula:	Not applicable
Molecular weight:	Not applicable
Melting point/freezing point (°C):	-96 °C
Boiling point, initial boiling point (°C):	105 °C

Density:	No data available
Relative density(H_2O=1):	1.03±0.02
Vapor pressure (20°C) (kPa):	3.1
Partition coefficient (n-octanol/water):	No data available
Solubility in water:	Not soluble in water
Solubility in organic solvents:	Soluble in most organic solvents such as benzene, alcohol and ether
Flash point (°C):	4 °C
Auto-ignition temperature (°C):	No data available
Flammability limit - lower (%):	No data available
Flammability limit - upper (%):	No data available
Decomposition temperature (°C):	No data available
Flammability (solid, gas):	No data available
Explosive properties	No data available
Explosive limit - lower (%):	4.5 vol%
Explosive limit - upper (%):	No data available
pH value:	No data available
Viscosity (mPa・S):	No data available
Relative vapor density (air=1):	No data available
Relative evaporation rate (n-butyl acetate=1):	No data available

10 Stability and Reactivity

Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Incompatible materials. Keep away from fire and heat.
Incompatible materials:	Strong acids, strong bases and oxidizing agents.
Hazardous decomposition products:	Combustion may produce carbon oxides.

11 Toxicological Information

Acute toxicity

Mesitylene (CAS#108-67-8)	
LD50(Oral, Rat):	6000 mg/kg bw male
LD50(Dermal, Rat):	>4 mL/kg bw
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Suspected of causing cancer.
Reproductive toxicity:	Not classified
STOT- single exposure:	Causes damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness.
STOT-repeated exposure:	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard:	Not classified

12 Ecological Information

Ecotoxicity

LC50 (Fish, 96h)	Not available
EC50 (Daphnia, 48h)	Not available
EC50 (Algae, 72h):	Not available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available

13 Disposal Considerations

Residual waste	Recycling as much as possible. If recycling is not possible, use incineration methods for disposal. Do not dispose of this product by means of discharge to the sewer.
Contaminated packaging	Empty containers or pads may retain some product residue, so beware of label warnings even when empty containers. These materials and their containers must be disposed of in a safe manner. Empty containers should be returned to the manufacturer or sent to a national / local approved waste disposal site.
Local disposal regulations	Waste disposal should refer to the relevant national and local laws and regulations, the waste chemicals for recycling, or packed in sealed containers, to a special waste disposal sites.

14 Transport Information

UN Number:	UN1950
UN Proper shipping name:	AEROSOL S
Transport hazard Class:	2.1
Packaging group:	II
Marine pollutant (yes/no):	No

Transport special precautions:

- Grounding chains should be equipped with tank or car during transportation, hole plate can be set in the tank to prevent static electricity generated by shaking;
- Exhaust pipe of the vehicle which transports this product shall be equipped with fireproofing equipment, Do not handle with the machinery or tools which may produce spark easily;
- Do not package or transport with oxidant, food chemicals or others;
- Prevent from sunlight exposure, rain and heat during transportation, in summer, best to transport in the morning or evening;
- Keep away from fire, heat source and high temperature when stops on the way;
- Follow the route as prescribed during highway transportation, do not stay in residential areas and densely populated area;
- Prohibit humping in railway transportation;
- Transport vehicles should be equipped with corresponding fire equipment and spill contingency processing equipment.

15.Regulatory Information

The following laws, regulations, rules and standards, provide corresponding provisions of the management of chemicals:

Name	Relevant Inventories	Listed Or Not
Measures On Safety Management Of Hazardous Chemicals	Inventory Of Hazardous Chemicals	Listed
	The First Batch Of Key Regulatory List Of Hazardous Chemicals	Pigment unknown, Ethyl acetate, Dimethyl ether listed, other not listed
Measures On New Substance Environmental Management	The Inventory Of Existing Chemical Substance In China	Pigment unknown, other listed
Provisions On Environmental Management Of First Import And Export Of Toxic Chemicals	China Strictly Restricted List Of Import And Export Of Toxic Chemicals	Pigment unknown, other not listed

16 Other Information

Indication of changes:

Version 1.0 Amended by GB/T16483 and GB/T 17519.

Abbreviations:

CAS: Chemical Abstracts Service

LC50: Lethal Concentration 50

EC50: Concentration for 50% of maximal effect LD50: Lethal dose 50%

PC-TWA: time-weighted average allowable concentration, average allowable concentration in 8h working day, 40h work week. PC-STEL: Short-Term Exposure Tolerance, the concentration allowed to be exposed in short-term (15 minutes).

IARC: International Agency for Research on Cancer

ACGIH: US Government Conference of Industrial Hygienists

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Dangerous Goods

EINECS: European Inventory of Existing commercial Chemical Substances

IATA: International Air Transport Association

ICAO-TI: International Civil Aviation Organization The International Civil Aviation Covenant **Disclaimer:**

The information in this Safety Data Sheet (SDS) applies only to the products specified and does not apply to mixtures containing this product with other substances, unless otherwise specified. This Safety Data Sheet (SDS) is based on information currently available in all its aspects and will not be held responsible for its long-term timeliness. This Safety Data Sheet (SDS) provides information about the safety of the product for the intended purpose only to appropriately trained personnel operating the product. Users of this SDS must make independent judgments on the suitability of this SDS for special conditions of use. Under special conditions of use, the SDS author will not be responsible for the damage caused by the use of this Safety Data Sheet (SDS). Each user of the product should read carefully the contents of this Safety Data Sheet (SDS) before proceeding. For more information to ensure correct evaluation, please contact the product supplier.