

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: STRONG SPRAY - SPRAY PAINT (AEROSOL)

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

SUPPLIER: HP ADHESIVES LIMITED

ADDRESS: G-11 Unique House, Chakala Road
Andheri (E) Mumbai 400099 INDIA
T: +91 22 2932 4739 F: +91 22 2834 9596

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)

MEDICAL: Tel. 800.451.8346, 760.602.8703 3E Company (International)

SECTION 2 – HAZARDOUS 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

Pictogram:

Signal Word(s):

Hazard Statement:

Danger

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 Statements

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/vapours/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.

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°C/122 °F.

Disposal:

P501: Dispose of contents/container to local regulations.

Environmental hazards: Harmful to aquatic life with long lasting effects.

Precautionary Statements

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.

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.



+91-22-68196300



sales@hpadhesives.com



www.hpadhesives.com



HP ADHESIVES LIMITED
11, Unique House, Chakala Rd,
Andheri (East), Mumbai - 400 099.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	EINECS #	CONCENTRATION % by Weight
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
Pigment	/		1-8
Dimethyl ether	115-10-6	204-065-8	UP100%

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.

SECTION 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.
Indication of any immediate medical attention and special treatment needed:	Provide general supportive measures and treat symptomatically. In the event of shortness of breath, give oxygen. Keep the victim warm. Observe the patient. Symptoms may delay.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing agent	Dry chemical extinguishing agent, carbon dioxide, fog water.
Suitable extinguishing media:	Avoid using DC water to extinguish fire, so as to avoid material splashes and fire spread.
Unsuitable extinguishing media:	Extremely flammable aerosol. Pressurized container: may burst if heated. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.
Special hazards:	
Special firefighting methods and special protective actions for fire-fighters:	Firefighters should wear self-contained breathing apparatus and wear full body fire service and extinguish fire in the windward direction. Remove the container from the fire to empty place as far as possible. Cool the container exposed to the fire with water and vent the vapors. Isolate the accident area, prohibit access to unrelated persons. Contain and handle fire water to prevent environmental pollution.

SECTION 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.

SECTION 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.



SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Occupational exposure limits:	According to GBZ2.1, methylene chloride (CAS#75-09-2) - PC-TWA=200mg/m ³ ; Ethyl acetate (CAS#141-78-6) - PC-TWA=200mg/m ³ , PC-STEL=300mg/m ³
Biological limits:	Ethyl acetate (CAS#141-78-6) [Urine methylene chloride] - The end of work: 0.3 mg/L
Engineering controls:	Ensure adequate ventilation. Make sure the workplace is equipped with a safe place to shower, clean eyes and body, and place for safe care.
Personal protection equipment	
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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colored Aerosol	Solubility in organic solvents:	Soluble in most organic solvents such as benzene, alcohol and ether
Odor:	Pungent odor	Flash point (°C):	4 °C
Odor threshold:	No data available	Auto-ignition temperature (°C):	No data available
Molecular formula:	Not applicable	Flammability limit - lower (%):	No data available
Molecular weight:	Not applicable	Flammability limit - upper (%):	No data available
Melting point/freezing point (°C):	-96 °C	Decomposition temperature (°C):	No data available
Boiling point, initial boiling point (°C):	105 °C	Flammability (solid, gas):	No data available
Density:	No data available	Explosive properties	No data available
Relative density(H₂O=1):	1.03±0.02	Explosive limit - lower (%):	4.5 vol%
Vapor pressure (20°C) (kPa):	3.1	Explosive limit - upper (%):	No data available
Partition coefficient (n-octanol/water):	No data available	pH value:	No data available
Viscosity (mPa·S):	No data available	Relative vapor density (air=1):	No data available
Solubility in water:	Not soluble in water	Relative evaporation rate (n-butyl acetate=1):	No data available

SECTION 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.

SECTION 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.



SECTION 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

SECTION 13 - WASTE 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 site.

SECTION 14 - TRANSPORT INFORMATION

UN Number:	UN1950
UN Proper shipping name:	AEROSOLS
Transport hazard Class:	2.1
Packaging group:	-
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.

SECTION 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

SECTION 16 - OTHER INFORMATION

Specification Information:

Department issuing data sheet:	HP ADHESIVES LIMITED Quality Control
E-mail address:	<qc@hpadhesives.com>
Training necessary:	Yes, training in practices and procedures contained in product literature.
Reissue date / reason for reissue:	29/3/2022 / Updated GHS Standard Format
Intended Use of Product:	Mainly used in metal, wood, glass, leather products, ceramics, ABS plastic and other materials of the object spray paint.

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.