



## SAFETY DATA SHEET

### GP Aluminium Paint

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME GP Aluminium Paint

PRODUCT NO. GP Aluminium Paint

SYNONYMS, TRADE NAMES GP Aluminium Paint  
SAKCHI BOULEVARD  
P.O – TATANAGAR  
JAMSHEDPUR – 831002, INDIA  
PHONE – 00916572433547  
FAX - 00916572434039

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification
GP Aluminium Paint	200-662-2	67-64-1	84 – 94%	F;R11 Xi;R36 R66 R67

#### 3 HAZARDS IDENTIFICATION

##### RISK PHRASES

R12 Extremely flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

##### SAFETY PHRASES

S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe vapour/spray.  
S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.

The above phrases are the risks associated with the product

##### ENVIRONMENT

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Use appropriate containment to avoid environmental contamination. Avoid release to the environment. Refer to special instructions/safety data sheets. Dispose of waste and residues in accordance with local authority requirements.

##### PHYSICAL AND CHEMICAL HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

#### 4 FIRST-AID MEASURES

##### General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

##### Eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

##### Inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

##### Skin contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

##### Ingestion

If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

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#### Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Recommended: alcohol-resistant foam, CO<sub>2</sub>, powders, water spray. Do not use water jet.

Special protective actions for fire-fighters

Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

### ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.

#### Environmental Precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

Methods and material for containment and cleaning up Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Preferably clean with a detergent.

### 7 HANDLING AND STORAGE

- ❖ Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.
- ❖ In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
- ❖ Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.
- ❖ Keep away from heat, sparks and flame. No sparking tools should be used. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- ❖ Keep away from: oxidising agents, strong alkalis, strong acids.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Eye/face protection

Use safety eyewear designed to protect against splash of liquids.

#### Hand protection

For prolonged or repeated contact use protective gloves. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred. Skin should be washed after contact.

#### Body protection

Personnel should wear antistatic clothing made of natural fibres or of hightemperature-resistant synthetic fibres.

#### Respiratory protection

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

#### Environmental exposure Controls

Do not allow to enter drains or watercourses.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid.
Initial boiling point and boiling range	149°C
Flash point	Closed cup: 38°C
Relative density	1.029
Solubility(ies)	Insoluble in the following materials: cold water.

### 10 STABILITY AND REACTIVITY

#### Chemical stability

Stable under recommended storage and handling conditions

#### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

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Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11 TOXICOLOGICAL INFORMATION

**INHALATION**

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**SKIN CONTACT**

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

**EYE CONTACT**

Irritating to eyes.

**OTHER HEALTH EFFECTS**

This substance has no evidence of carcinogenic properties.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

## 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

Name XYLENE

LC 50, 96 Hrs, Fish mg/l 2.6-8.4

EC 50, 48 Hrs, Daphnia, mg/l 1.0-4.7

Name ACETONE

LC 50, 96 Hrs, Fish mg/l 5540

EC 50, 48 Hrs, Daphnia, mg/l 39

Degradability

The product is easily biodegradable.

## 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Recover and reclaim or recycle, if practical. Contact specialist disposal companies. Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

ADG CLASS Class 2.1: Flammable gases

ENVIRONMENTALLY No.

HAZARDOUS

SUBSTANCE/MARINE

POLLUTANT

UN NO. 1950

ADG CLASS NO. 2

DG CLASS Class 2: Gases

PACKING GROUP N/A

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TUNNEL RESTRICTION CODE (D)  
ADG LABEL NO. 2.1  
UN NO. SEA 1950

#### **15 REGULATORY INFORMATION**

##### NATIONAL REGULATIONS AND REFERENCES

National Model Regulations for the Control of Workplace Hazardous Substances.  
National Code of Practice for the Control of Workplace Hazardous Substances.  
National Code of Practice for the Labelling of Workplace Substances.  
National Code of Practice for the Preparation of Material Safety Data Sheets.  
Approved Criteria for Classifying Hazardous Substances.  
Exposure Standards for Atmospheric Contaminants in the Occupational Environment.  
Australian Dangerous Goods Code. The Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

#### **16 OTHER INFORMATION**

##### GENERAL INFORMATION

See technical literature for details of suitable applications of this product.

##### REVISION COMMENTS

##### RISK PHRASES IN FULL

NC Not classified.

##### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use

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