

CROMAR BUILDING PRODUCTS

ALUMINIUM PAINT (PREMIUM GRADE)

Issue 3 - October 2005 - 01/015

Description:

A bright aluminium, traditional, solar reflective coating suitable for application to bituminous roofing substrates.

Uses:

For the protection against sun and weathering of roofs and walls, particularly where bituminous, exposed steel and corrugated iron surfaces are encountered.

Container Sizes:

1, 2.5, 5 + 25 litres

Storage Conditions:

Containers must be kept sealed and stored under cover away from sources of heat and ignition. Do not allow water to contaminate the Aluminium Paint.

Storage Life:

12 months under good storage conditions in original unopened containers.

Method of Application:

By brush or airless spray.

Application Instructions:

Surfaces should be clean, dry and free from dust and debris. Freshly applied bitumen coatings should be allowed to weather for at least 2-3 weeks before the application of Aluminium Paint (Premium Grade). For use on Roofing Felt we recommend you prime the surface prior to applying the first coat of Aluminium Paint (Premium Grade).

STIR THOROUGHLY BEFORE USE

Note: The appearance of a silver film on the surface of the paint after a short period of stirring does not signify that the paint is thoroughly uniform. It is advisable to stir for several minutes to ensure complete dispersion. Preference should be given to mechanical stirring. Two coats should be applied, the first being allowed to dry before application of the second. To avoid bronzing it is important that Aluminium Paint is not applied too thickly. Do not brush excessively as this can cause softening of the substrate. The presence of moisture on the surface of rain falling before the Aluminium Paint (Premium Grade) has dried can also cause bronzing. Do not use in temperatures less than +5°C.

Coverage Rates:

Approximately 5-10m² per litre per coat, depending upon the surface.

Cleaning Tools:

Clean with white spirit.

Health & Safety:

Please refer to health and safety data sheet on Aluminium Paint (Premium Grade).

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below:

All products should be sold in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer, where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use, and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.

ALUMINUM PAINT (PREMIUM GRADE)

MATERIAL SAFETY DATA SHEET

Date of issue: September 2001 Version 3

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1. Identification of the product

Product: Aluminium Paint (Premium Grade)

2. Composition/information on ingredients

A solvent based bituminous roofing paint containing aluminium flakes

CAS No	Chemical name	%	Symbol & R-phrases
64475-85-0	white spirit	>30	F R10
64742-93-4	bitumen		R40

3. Hazard identification

Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis.
Possible risk of irreversible effects. Flammable.

4. First aid measures

Inhalation: Remove to fresh air. If discomfort persists seek medical advice.
Skin contact: Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.
Eye contact: Irrigate immediately with clean water for 15 minutes and obtain medical attention.
Ingestion: If swallowed, seek medical advice immediately. Do not induce vomiting.

5. Fire fighting measures

Suitable extinguishing measures: Dry powder, CO₂, foam, sand, earth
Unsuitable extinguishing measures: Never water jet
Special exposure hazards in fires: None known
Required special protection equipment for fire fighters: Wear suitable protective clothing.

6. Accidental release measures

Precautions: Stem flow of spilled material. Extinguish all naked flames and cigarettes. Material should be mopped up immediately with an inert absorbent material such as sand, earth etc. Prevent spills from entering sewers and drains. Dispose of at an appropriate licensed waste disposal site in accordance with current laws and regulations.

7. Handling and storage

Handling: Ensure adequate ventilation.
Storage: Should be stored under cover out of direct sunlight and away from sources of heat and ignition.

8. Exposure controls

UK Occupational exposure standards EH40
White Spirit 100ppm 575mg/m³ (8HR TWA)
Respiratory protection: Should not be necessary with adequate ventilation. In poorly ventilated areas, a cartridge mask approved for organic vapours is recommended.
Hand protection: Wear suitable impervious gloves.
Skin protection: Appropriate protective clothing
Eye protection: Appropriate chemical resistant goggles

9. Physical and chemical properties

Appearance:	Silver liquid
Odour:	petroleum solvent
pH:	not applicable
Boiling point/boiling point range:	not determined
Melting point/Melting point range:	not applicable
Flash point (°C) closed cup:	40° C
Flammability:	flammable
Autoflammability:	approx. 230° C
Explosive properties:	UEL 8 % Vol. LEL 0.9% Vol.
Oxidising properties:	not applicable
Vapour pressure:	not determined
Specific gravity:	0.95 ± 0.02
Solubility (water and fat)	insoluble in water

10. Stability and reactivity

Stable under normal conditions. Avoid excessive heat.

Hazardous decomposition products

Carbon dioxide, carbon monoxide, hydrogen sulphide, oxides of nitrogen and sulphur.

11. Toxicological information

Short-term skin exposure may lead to dermatitis. Long term skin exposure may cause irreversible effects.

12. Ecological information

The preparation has not been tested but the slow rates of biodegradation of bitumen can cause interference with the normal functioning of ecological cycles. Bitumen should therefore be contained and spills avoided.

13. Disposal considerations

Disposal of material should be incineration in accordance with local regulations. Packaging should be similarly disposed of.

14. Transport information

IMDG, Page 3382 liquid tars class 3.3 packing group III

UN No:	1263
Description:	Paint
Class:	3
Item no:	3, 32°(C)
Symbol:	"Flammable Liquid" Diamond, Marine Pollutant Label (sea borne shipment only)
Packing Group:	III
Emergency Action Code:	3(Y)
ADR Class:	3
IMCO Hazard Class:	3,3
IATA Class:	3

15. Regulatory information

R10	flammable
R15	In contact with water liberates highly inflammable gas
R40	possible risk of irreversible effects
R52	harmful to aquatic organisms
S16	keep away from sources of ignition – NO SMOKING
S24	avoid contact with skin
S36/37/39	wear suitable protective clothing, gloves and eye/face protection.
S38	in case of insufficient ventilation, wear suitable respiratory equipment.
S48	in case of fire use dry powder, CO ₂ or foam – NEVER WATER

EEC symbol: Xn Harmful (contains bitumen solvent blend)

16. Other information

Customers are urged to ensure that the product is entirely suitable for their own purpose. If requested, Cromar Building Products Limited can assist in technical discussions. If this product is redistributed or reformulated for sale, details of its hazards and the recommended methods for safe handling must be passed to customers.

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. **Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**

This information is given in good faith, being based on the latest knowledge available to Cromar Building Products Limited. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designated to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Cromar Building Products Limited for further advice before the proposed application is undertaken.

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