

Safety Data Sheet



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1. Identification of the substance / preparation and company / undertaking

Product name:

Falu Rödfärg Paint

Manufacturer:



Stora Kopparbergs Bergslags AB
Faluröd-färg
S-791 80 FALUN, Sweden
www.falurodfarg.com

Contact person:

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Emergency telephone number:

Swedish Poisons Information Centre
Emergency 112, non-emergent +46 8 33 13 31

Range of application:

Calcimine

2. Composition / information on ingredients

Falu Rödfärg Red Paint is a calcimine which is characterized by having flour adhesive as the main binding agent. The pigment of Falu Rödfärg Red Paint is a naturally occurring earth pigment which has been oxidated through calcination and contains inorganic combinations of among others silicium, iron, aluminium, lead, copper, zinc, magnesium and calcium. It mainly consists of silicon dioxide (40-50 %) and ferric (III) oxide (25-40 %).

Ingredient	CAS-No.	EINECS-No.	Content %	Danger code	R-phrases
Falu Rödfärg Paint pigment					
Silicon dioxide	7631-86-9	231-545-4	6-10	Xn	R20
Free quartz	14808-60-7	238-878-4	< 2	Xn	R48/20
Ferric (III) oxide	1309-37-1	215-168-2	4 – 8	-	-
Inorganic lead combinations, as lead acc. to ISO 6503	7439-92-1	231-100-4	< 0,24	T, N	R61-20/22-33-62-50/53
Ferric sulphate	7782-63-0	-	0,7 – 0,8	Xn	R22
Tolyfluandid	731-27-1	211-986-9	0,05 – 0,1	T, N	R23-36/ 37/38-43-48/20-50/53
1,2-benzisothiazol-3(2)-on	2634-33-5	220-120-9	< 0,025	Xn, N	R22-38-41-43-50

Danger codes and risk phrases are described in plain language under section 16.

3. Hazards identification

Health hazards:	<i>Respiratory system:</i> Dust spread when brushing earlier painted material may cause difficulty in breathing. The risk is increasing at lengthy or prolonged exposure.
Fire hazard:	Non-flammable

4. First-aid measures

Skin:	Wash with soap and water.
Eyes:	Rinse out with a soft squirt of lukewarm water during several minutes. If irritation persists, please contact a doctor.
Respiratory system:	Fresh air, a little rest. When having inconvenience, contact a doctor.
If swallowed:	Give several glasses of water if the patient is fully conscious. Try to induce vomiting. Contact a doctor - hospital.

5. Fire-fighting measures

The product is non-flammable. Choose fire-extinguishing medium with regard to the surrounding fire.

6. Accidental release measures

Prevent spills into the sewer system and the surrounding environment. Wash away with clean water. Contact the rescue services agency at larger discharges.

7. Handling and storage.

To be stored free from frosts.
The product is decaying; therefore it should be used within a year.

8. Exposure controls/Personal protection

Avoid contact with skin and eyes. Avoid prolonged exposure. When brushing already painted surfaces and extensive dusting, use respiratory protective equipment.

9. Physical and chemical properties

Form:	Viscous liquid
Colours:	Red, light red, brown, black, green see www.falurodfarg.com
Water solubility:	Miscible with water
Density:	1160-1190 kg/m ³

10. Stability and reactivity

Stable if handled and stored under recommended conditions.

11. Toxicological information

The product is not acutely toxic, LD₅₀ oral rat: >> 5000 mg/kg for the product.

The pigment contains approx. 10 % free-quartz, which in the prepared paint corresponds to approx. 2 %.

12. Ecotoxicological information

The pigment of Falu Rödfärg Paint is a naturally occurring earth pigment containing traces of inorganic combinations of among others silicium, iron, lead, copper and zinc. The degradation is not ecologically relevant for inorganic combinations. Copper, zinc and iron are essential, vital tracers and are absorbed by live organisms.

Lead

The lead exists in different chemical combinations, among others lead oxide sulfate which has a low solubility in water. Lead in form of ion is toxic to aquatic organisms with LC₅₀ (96h) 10-100 mg/l and EC₅₀ (48h) Daphnia magna 1-10 mg/l. Lead may be accumulated in the body of the majority of all species of fish, molluscs and crustaceans. When having increased contents lead may cause immunological, neurological, genotoxic and cancer-inducing effects on warm-blooded animals. Lead is toxic to aquatic organisms, LC₅₀(96h) 10-100 mg/l, EC₅₀ (48h) Daphnia magna 1-10 mg/l, and is not water soluble.

13. Disposal considerations

Tins with residual paint that cannot be used any longer, must be deposited at a recycling centre in accordance with the directions of the community. EWC-code: 080111 (paint and varnish remnants containing organic solvents or other hazardous ingredients).

14. Transport information

Is not classified as transport dangerous goods.

15. Regulatory information

Contains lead. Must not be used on surfaces on which children might chew or suck.

16. Other information

Explanation of danger codes and R-phrases which might be found under section 2.

Xn	Health-impairing
T	Toxic
N	Hazardous to the environment
R20	Harmful by inhalation
R20/22	Harmful by inhalation or if swallowed
R22	Harmful if swallowed
R23	Toxic by inhalation
R33	Danger of cumulative effects
R36/37/38	Irritating to eyes, respiratory system and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R50	Very toxic to aquatic organisms
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R61	May cause harm to unborn child
R62	Possible risk of impaired fertility