

Rusty Paint

Technical Datasheet

Description

- Can be roller-ed, brushed or sprayed with airless, air-assisted airless, conventional, or HVLP methods
- Single layer system.
- High coverage / thickness: (up to 300µm wet)
- Good adhesion on various substrates such as bare steel, aluminum , galvanized steel, glass, and fiber reinforced plastic.

Paint

- Rustypaint Original
- Rustypaint Colours
- Rustypaint RealRust
- Rustypaint Copper Rust

Hardener

- Rustypaint Hardener (Original / Colours / Real Rust / Copper Rust)

Selection & Prep Of Substrates

Substrate	Sand	Degrease
Iron / Steel	P80-240dry) or blast clean	All surfaces should be thoroughly degreased using the appropriate cleaner
Blasted steel	Sa2.5 , 30µm profile	
Phosphated steel	Scotch brite / 320	
Galvanized steel	Scotch brite / 320	
Light alloys	P180-320 (dry)	
Aluminium	P240-320 (dry)	
Fiber reinforced plastic	P240 / 320 (dry)	
Paintwork / Powdercoat	Scotchbrite / 320	

Roller Application

- **Roller type:** Foam or short haired mohair
- **Mixing ratio:** 5:1 (same as spraying)

MIX - Thoroughly Upto 10 Minutes to ensure product is evenly mixed

Drying Times

Drying times at 20°C :		
dust free :	1 hour	1 hour
tack free :	1,5- 2 hours	2 hours
hard dry	16 hours	16 hours
stoving :	45mn at 60°C (metal temperature)	45mn at 60°C (metal temperature)
Recoatibility:	RustyPaint can be over-coated with itself without sanding, for up to 10 days after drying. Otherwise the surface should be sanded before overcoating.	
Colour:	Check colour prior use	

Technicals

	AIRLESS & AIR ASSISTED AIR LESS	CONVENTIONAL
VOC :	415 to 455 g/l as supplied 470 to 500 g/l ready for use	520 to 550 g/l ready for use
Solid content :	65-70% by weight	60-65% by weight
Theoretical coverage:	4,5 m ² /L (ready for use) Dry film thickness:80µm	4.0 m ² /L Dry film thickness:80µm

APPLICATION HIGH SOLIDS MODE (VOC <420g/L)

AIRLESS - AIR ASSISTED AIRLESS

Mixing ratio:	5:1
Spray viscosity:	NA
Pot life 20°C:	2- 3 hours
Spray gun set up / pressure	Airless
	Tip: 13-15 thou
	Fluid pressure: 100-140 bar
	Air assisted Airless
	Tip: 13-15 thou
	Fluid pressure: 60 to 70 bar (1000 psi) 1 – 2 bar
Number of coats:	1 - 2
Flash off between coats:	10-15 minutes

VOC EU REGULATIONS

The EU limit value for this product (product category: IIA(j)) ready to use form is max. 550 g/l of VOC (from 1/1/2007) and 500 gr/l of VOC (from 1/1/2010).
The VOC content of this product in ready to use form is max. 500 g/l except for conventional applications where VOC content is max 550 g/l.

Disclaimer - This product is for professional use only.

The information given on this product or website is for guidance only. Any person using the product without first making further inquiries as to the stability of the product for the intended purpose does so at their own risk. We cannot accept any liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained on this label is liable to modification from time to time in the light of our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times. Hardeners do have the ability to set, so should be used expeditiously. We advise to test a small area prior to full coverage and wear appropriate PPE at all times (personal protective equipment). Such as respiratory equipment, overalls, gloves and goggles. COSHH data sheets are available upon request - if you require these, please contact us PRIOR to using the product. Please use appropriate PPE at all times. As with any 'normal' paint, please do so in a well ventilated area, or using an appropriate airfed / carbon mask, along with all other forms of safety clothing (gloves, goggles, painting clothing etc)

Hazards Harmful by inhalation. Irritating to eyes and skin - Flammable SKIN CONTACT Wash thoroughly with soap and water. Remove all contaminated clothing. EYE CONTACT Wash immediately (15 mins) with water, opening eyelids. Call emergency medical care. Storage Keep container tightly closed in a cool, well ventilated location away from sources of ignition. Do not store beyond shelf life - 6months From Opening. Do not breathe vapours

Hazardous ingredients Paint - Xylene

Hazardous ingredients Hardener - oligomers,diisocyanate,n-butyl acetate,Hexamethylene

Contains Isocyanates

Health & Safety Data

Please use appropriate PPE at all times. As with any 'normal' paint, please do so in a well ventilated area, or using an appropriate airfed / carbon mask, along with all other forms of safety clothing (gloves, goggles, painting clothing etc)

We accept NO responsibility for the product once it is dispatched out. We do not accept any responsibility for how it is used, or for any damage to yourself or ANY property. Once the item is dispatched, what happens with it, is out of our control.

We cannot supply common sense, however we can supply the following information which must be read and adhered to at all times!! - Thank you :)

HAZARDS IDENTIFICATION

SPECIFIC HAZARDS

Harmful by inhalation. Irritating to eyes and skin.

PHYSICAL AND CHEMICAL HAZARDS

Flammable
Strongly exothermic polymerisation may be initiated by heat, peroxides or other free radical generators

FIRST AID MEASURES

INHALATION

Remove patient from affected area and make rest.
Give oxygen in case of breathing difficulty.
Call emergency medical care.

SKIN CONTACT

Wash thoroughly with soap and water. Remove all contaminated clothing.

EYE CONTACT

Wash immediately (15 mins) with water, opening eyelids.
Call emergency medical care.

INGESTION

Do NOT induce vomiting, seek immediate medical advice.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA SUITABLE

Carbon dioxide / Foam / Powder

NOT SUITABLE

Water.

PROTECTION OF FIRE FIGHTERS

Wear individual breathing apparatus

SPECIFIC HAZARDS

Formation of toxic products on combustion including carbon monoxide

SPECIFIC METHODS

Cool the container with sprayed water to avoid polymerisation

HANDLING AND STORAGE

HANDLING

Do not store beyond shelf life - 6months From Opening

PREVENTION OF WORKER EXPOSURE

Efficient ventilation is required in the working area. Collect emissions at source

NO SMOKING

PREVENTION OF FIRE AND EXPLOSION

Take precautionary measures against static discharges

Close containers after use.

STORAGE

Stable under normal storage conditions.

STORAGE CONDITION SUITABLE

Keep container tightly closed in a cool, well ventilated location

STORAGE CONDITION TO AVOID

MATERIAL SAFETY DATA SHEET

Keep container out of sunlight.

Keep away from heat.

Keep away from sources of ignition - NO SMOKING.

INCOMPATIBLE MATERIALS

Keep container away from oxidising materials.

EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTIVE EQUIPMENT

Do not breathe vapours - contains isocyanates Use appropriate respiratory equipment (air fed mask)

HAND PROTECTION

Wear gloves

EYE PROTECTION

Wear goggles. Contact lenses should not be worn.

SPECIFIC HYGIENE MEASURES

When using do not eat, drink or smoke

TOXICOLOGICAL INFORMATION

SKIN IRRITATION

Irritating to the skin.

EYE IRRITATION

Irritating to the eyes.

INHALATION

Harmful by inhalation - Contains isocyanates

Specific symptoms include headaches, dizziness, tiredness