

**SAFETY DATA SHEET**
Simoniz Black Paints**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

PRODUCT NAME Simoniz Black Paints
PRODUCT NO. SIMP15C, SIMP16, SIMP16C, SIMP17, SIMP17C, SIMP15
INTERNAL ID A780/A784/A785
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
TOLUENE	203-625-9	108-88-3	10-30%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
PROPANE	200-827-9	74-98-6	5-10%	F+;R12
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
ISOBUTYL ACETATE	203-745-1	110-19-0	5-10%	F;R11 R66
ISOBUTANE	200-857-2	75-28-5	5-10%	F+;R12
DI ISOBUTYL PHTHALATE	201-553-2	84-69-5	1-5%	
XYLENE-ortho	202-422-2	95-47-6	1-5%	R10 Xn;R20/21 Xi;R38
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67
ISO-BUTANOL	201-148-0	78-83-1	1-5%	R10 Xi;R37/38,R41 R67
BUTYL ACETATE -norm	204-658-1	123-86-4	< 1%	R10 R66 R67
NITROCELLULOSE		9004-70-0	< 1%	F;R11.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Extremely flammable. Irritating to eyes. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xn;R48/20. Rep 3;R63. Xi;R36. F+;R12. R66, R67.

PHYSICAL AND CHEMICAL HAZARDS

The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. Closed containers can burst violently when heated, due to excess pressure build-up.

HUMAN HEALTH

In high concentrations, vapours may be irritating to the respiratory system.

4 FIRST-AID MEASURES**INHALATION**

NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Simoniz Black Paints

INGESTION

Not relevant.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Spray in the eyes: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Risk of explosion if heated. If heated, volume and pressure increases strongly, resulting in explosion of container.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. When dealing with a spillage, please consult the section relating to suitable protective measures.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	150 ppm(Sk)	574 mg/m3(Sk)
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3
ISO-BUTANOL	WEL	50 ppm	154 mg/m3	75 ppm	231 mg/m3
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3
ISOBUTYL ACETATE	WEL	150 ppm	724 mg/m3	187 ppm	903 mg/m3
ISOBUTANE	OES	800 ppm		800 ppm	

INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Rubber gloves are recommended. EN374

EYE PROTECTION

Use eye protection. Goggles/face shield are recommended.

Simoniz Black Paints

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
COLOUR	Colourless
ODOUR	Solvent.
SOLUBILITY	Insoluble in water Soluble in Acetone Organic solvents
RELATIVE DENSITY	0.859

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful: danger of serious damage to health by prolonged exposure through inhalation. When working extensively on big surfaces in small and badly ventilated rooms, vapours may develop in concentrations which may cause headache and irritation of the eyes and the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

Irritating to eyes. Repeated exposure may cause chronic eye irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

MOBILITY

Isopropanol (Propan-2-ol): Soluble in water

Acetone: Soluble in water

Xylene: Significant departments likely to be air & soil

Toluene: Significant compartment likely to be air; slightly soluble in water

Isobutanol: Significant compartment likely to be water, air

BIOACCUMULATION

Isopropanol (CAS: 67-63-0): Low, on the basis of log Kow

Acetone: Low, on the basis of log Kow (-0.24)

Xylene: Low, on the basis of BCF

Toluene: Not expected to accumulate in aquatic organisms. Low potential on the basis on BCF

Isobutanol: Low on the basis of log Kow (0.76)

DEGRADABILITY

Isopropanol: In air, rapid photo-oxidation; in water, rapid biodegradation

Acetone: In air, moderate; in water and soil, rapid biodegradation

Xylene: In air, rapid photo-oxidation; in soil, moderate biodegradation

Toluene: Rapid atmospheric oxidation. Rapidly oxidized in aquatic systems

Isobutanol: In air, rapid photo-oxidation; in water, rapid biodegradation

ACUTE FISH TOXICITY

Isopropanol: Fish, shrimp, algae; Low

Acetone: Fish, low

Xylene: Fish, moderate; shrimp, high

Toluene: Low to moderate toxicity of aquatic species

Isobutanol: Fish, algae, low

13 DISPOSAL CONSIDERATIONS

Simoniz Black Paints

DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL	Limited Quantities		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	ADR CLASS NO.	2
ADR PACK GROUP	5F	RID CLASS NO.	2
UN NO. SEA	1950	IMDG CLASS	2
EMS	F-D, S-U	MARINE POLLUTANT	No.
UN NO. AIR	1950	ICAO CLASS	2.1

15 REGULATORY INFORMATION

LABELLING



Harmful



Extremely Flammable

CONTAINS

TOLUENE

RISK PHRASES

R12	Extremely flammable.
R36	Irritating to eyes.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.
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.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.

UK REGULATORY REFERENCES

Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.

ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40) The Aerosol Dispensers (EEC Requirements)(Amendment) Regulations 1996 (SI 1996 No 2421). Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and use of transportable pressure equipment regulations 2004.

16 OTHER INFORMATION

REVISION COMMENTS

Change of reference number.

Simoniz Black Paints

ISSUED BY

Technical Department

REV. NO./REPL. SDS GENERATED 2/

SDS NO. 11477

SAFETY DATA SHEET STATUS

Approved.

DATE 17-05-05

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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.