

# MONSTERCOLORS ARMY , SATIN , GLOSS , ENAMEL / AEROSOLS SDS

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**Safety Data Sheet dated 5/5/2014, version 3**

## 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: MONSTERCOLORS

Product type and use: Spray paint

Company:

MONSTERCOLORS

28 ROGART ST

GLASGOW

U.K

Emergency telephone number of the company and/or of an authorised advisory centre:

**MONSTERCOLORS TEL: 01413284034**

**Web: MONSTERCOLORS.COM E-mail: INFO@MONSTERCOLORS.COM**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

30% - 40% Petroleum gases, liquefied, sweetened; Petroleum gas

N.67/548/CEE: 649-203-00-1 CAS: 68476-86-8 EINECS: 270-705-8

F+ Extremely flammable

R12 Extremely flammable.

25% - 30% xylene [4]

N.67/548/CEE: 601-022-00-9 CAS: 1330-20-7 EINECS: 215-535-7

Xn Harmful

R10 Flammable.

R20/21 Harmful by inhalation and in contact with skin.

R38 Irritating to skin.

5% - 7% isobutyl acetate [2]

N.67/548/CEE: 607-026-00-7 CAS: 110-19-0 EINECS: 203-745-1

F Highly flammable

R11 Highly flammable.

R66 Repeated exposure may cause skin dryness or cracking.

3% - 5% acetone

N.67/548/CEE: 606-001-00-8 CAS: 67-64-1 EINECS: 200-662-2

F Highly flammable

Xi Irritant

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

3% - 5% ethyl acetate

N.67/548/CEE: 607-022-00-5 CAS: 141-78-6 EINECS: 205-500-4

F Highly flammable

Xi Irritant

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R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

1% - 3% ethylbenzene

N.67/548/CEE: 601-023-00-4 CAS: 100-41-4 EINECS: 202-849-4

F Highly flammable

Xn Harmful

R11 Highly flammable.

R20 Harmful by inhalation.

1% - 3% 2-methoxy-1-methylethyl acetate

N.67/548/CEE: 607-195-00-7 CAS: 108-65-6 EINECS: 203-603-9

Xi Irritant

R10 Flammable.

R36 Irritating to eyes.

### 3. HAZARDS IDENTIFICATION

The product catches fire with extreme ease, even at temperatures below 0 °C.

Without sufficient ventilation formation of explosive mixtures with air may be possible . Pressurized container. Protect from sunlight and do not expose to temperature exceeding 50°C. Heat can increase pressure inside the container whith possibility of explosion . Fire can explode container : fire can be propagated at distance by the jump of container . High concentration of gas can cause loss of senseless .

The product is harmful following acute exposure to it and poses a serious health threat if inhaled or brought into contact with the skin.

If brought into contact with the skin, the product causes appreciable inflammation, with erythema, scabs, and oedema.

### 4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes:

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

Wash immediately with water for at least 10 minutes.

Swallowing:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Give liquid paraffin to drink; do not give milk or animal or vegetable fats of any kind.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

### 5. FIRE-FIGHTING MEASURES

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Heat can increase pressure inside the container whith possibility of explosion . Fire can explode container : fire can be propagated at distance by the jump of container .

Recommended extinguishers:

CO2 , dry chemical fire extinguishe , foam

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

High concentration of gas can cause loss of senseless .

Cool the containers exposed to the fire with water.

### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

## 7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Operate in well ventilated place . Vapours are more weighty than air . Vapours may form explosive mixture with air .

Do not vaporize on flames or incandescent material .

Do not make hole or burn after use .

Do not eat or drink while working.

Do not smoke while working.

Incompatible materials:

None in particular.

Storage conditions:

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

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Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

xylene [4]

TLV TWA: 100 ppm, A4 - 434 mg/m<sup>3</sup>, A4 TLV STEL: 150 ppm, A4 - 651 mg/m<sup>3</sup>, A4

isobutyl acetate [2]

TLV TWA: 150 ppm - 713 mg/m<sup>3</sup>

acetone

TLV TWA: 500ppm, A4 - 1188mg/m<sup>3</sup> A4 TLV STEL: 750ppm, A4 - 1782mg/m<sup>3</sup>, A4

ethyl acetate

TLV TWA: 400 ppm, A4 - 1440 mg/m<sup>3</sup>, A4

ethylbenzene

TLV TWA: 100 ppm - 434 mg/m<sup>3</sup> TLV STEL: 125 ppm - 543 mg/m<sup>3</sup>

2-methoxy-1-methylethyl acetate

TLV TWA: 275 mg/m<sup>3</sup> ( MAK )

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Liquid

Odour: Characteristic

Can Volume : 210 | 270 | 405 | 520 | 800 ml

Product Volume : 150 | 200 | 300 | 400 | 600 ml

Flash point: < 0 °C Abel Pensky

Gas flammability: - 80 °C Abel Pensky

Autoignition temperature: 435 °C

Propellant explosivity : 1.8 ÷ 9.5 % in volume aria

Vapour pressure: 5.0 bar +/- 0.3 - 20 °C

Deformation Pression : 15 bar

Explosion Pressione : 18 ÷ 20 bar

Relative density: 0.95 +/- 0.05

Solubility in water: Partial

## **10. STABILITY AND REACTIVITY**

Conditions to avoid:

Avoid accumulating electrostatic charge.

Substances to avoid:

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products:

None.

## **11. TOXICOLOGICAL INFORMATION**

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

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xylene [4]

LD50 (RAT) ORAL: 5000 mg/Kg

isobutyl acetate [2]

LD50 (RAT) ORAL: 15000 mg/Kg

acetone

LD50 (RABBIT) ORAL: 5300 mg/Kg

ethyl acetate

LD50 (RABBIT) ORAL: 4935 mg/Kg

## **12. ECOLOGICAL INFORMATION**

Adopt good working practices, so that the product is not released into the environment.

## **13. DISPOSAL CONSIDERATIONS**

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

## **14. TRANSPORT INFORMATION**

ADR-UN number: 1950

ADR-Class: CL. 2 - 5F

ADR-Shipping Name: AEROSOL

ADR-Label: 2.1

IMDG-Class: CL. 2,1 AEROSOL

IMDG-Page: 2102

## **15. REGULATORY INFORMATION**

88/379/EEC (Classification and Labelling):

Symbols:

Xn Harmful

F+ Extremely flammable

R Phrases:

R12 Extremely flammable.

R20/21 Harmful by inhalation and in contact with skin.

R38 Irritating to skin.

S Phrases:

S13 Keep away from food, drink and animal feedingstuffs.

S16 Keep away from sources of ignition - No smoking.

S29 Do not empty into drains.

S33 Take precautionary measures against static discharges.

S43 In case of fire, use CO<sub>2</sub> , dry chemical fire extinguisher , foam .

S46 If swallowed, seek medical advice immediately and show this container or label.

S25 Avoid contact with eyes.

S2 Keep out of reach of children.

S36/37 Wear suitable protective clothing and gloves.

Special Provisions:

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50

°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

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xylene [4]

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

#### **16. OTHER INFORMATION**

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van

Nostrand Reinold

ACGIH - Treshold Limit Values - 1997 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

**This MSDS cancels and replaces any preceding release.**