

SAFETY DATA SHEET TRADE SPRAY AEROSOL PAINTS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME TRADE SPRAY AEROSOL PAINTS
PRODUCT NO. ATS010, ATS011, ATS012, ATS013, ATS014, ATS015, ATS016, ATS017, ATS023
INTERNAL ID D
APPLICATION Paint

2 HAZARDS IDENTIFICATION

Extremely flammable Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes. Possible risk of harm to the unborn child.

CLASSIFICATION (1999/45) Repr. Cat. 3;R63. Xi;R36. F+;R12. R66, R67.

HUMAN HEALTH

Contains a substance/a group of substances which may impair fertility. Contains a substance/a group of substances which may cause harm to the unborn child. Contains a substance/a group of substances which may cause harm to breastfed babies. See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	1-5%	R10
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
BUTANE/PROPANE BLEND	270-704-2	68476-85-7	5-10%	F+;R12.
BUTYL ACETATE -norm	204-658-1	123-86-4	10-30%	R10 R66 R67
DI ISO BUTYL PHTHALATE	201-553-2	84-69-5	<0.5	Repr. Cat. 1;R61. Repr. Cat. 3;R62.
ETHYLBENZENE	202-849-4	100-41-4	<0.5	F;R11 Xn;R20
IPA	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
TOLUENE	203-625-9	108-88-3	5-10%	F;R11 Repr.Cat.3;R63 Xn;R48/20,R65 Xi;R38 R67
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination. Get medical attention immediately!

INHALATION

Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions. Place unconscious person on the side in the recovery position and ensure breathing can take place.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

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SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Immediately transport to hospital or eye specialist.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Beware, risk of formation of toxic and corrosive gases.

SPECIFIC HAZARDS

In case of fire, toxic and corrosive gases may be formed.

PROTECTIVE MEASURES IN FIRE

Leave danger zone immediately.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Wear full protective clothing for prolonged exposure and/or high concentrations. Eye wash facilities and emergency shower must be available when handling this product. Pregnant or breastfeeding women must not handle this product.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk)	274 mg/m3(Sk)	100 ppm(Sk)	548 mg/m3(Sk)	
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	
BUTANE/PROPANE BLEND	WEL	1000 ppm	1750 mg/m3	1250 ppm	2180 mg/m3	Carc
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3	
ETHYLBENZENE	WEL	100 ppm	441 mg/m3	125 ppm	552 mg/m3	Sk
IPA	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	
ISO-BUTANOL	WEL	50 ppm	154 mg/m3	75 ppm	231 mg/m3	
TOLUENE	WEL	50 ppm	191 mg/m3	100 ppm	384 mg/m3	Sk
XYLENE	WEL	50 ppm	220 mg/m3	100 ppm	441 mg/m3	Sk

WEL = Workplace Exposure Limit.
 Sk = Can be absorbed through skin.
 Carc = Capable of causing cancer and/or heritable genetic damage.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

HAND PROTECTION

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Protection against this substance requires special consideration. Protective gloves and goggles must be used if there is a risk of direct contact or splash.

EYE PROTECTION

Wear full-face visor or shield.

OTHER PROTECTION

Provide eyewash station. **AVOID ALL SKIN AND RESPIRATORY CONTACT!**

HYGIENE MEASURES

Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet. Provide shower facilities near the work place.

SKIN PROTECTION

Protection suit must be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid
COLOUR	Black Grey White Red Silver
RELATIVE DENSITY	0.950 - 1.05
VISCOSITY	20 - 25 s 20

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10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

This material is very toxic.

GENERAL INFORMATION

Known or suspected carcinogen for humans. Possible reproductive impact.

HEALTH WARNINGS

This chemical may cause skin/eye irritation and burns (corrosive). May cause severe internal injury. May cause unconsciousness, blindness and possibly death.

OTHER HEALTH EFFECTS

Carcinogen Category 3.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

SPECIFIC EFFECTS

Contains a substance/a group of substances which may cause harm to breastfed babies. Contains a substance/a group of substances which may cause cancer by inhalation. Contains a substance/a group of substances with possible risk of harm to the unborn child and with possible risk of impaired fertility.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

Full protective clothing should be worn when handling this product.



PROPER SHIPPING NAME	AEROSOLS
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	1950
ADR CLASS NO.	2.1
ADR CLASS	Class 2: Gases
ADR PACK GROUP	#
ADR LABEL NO.	2.1

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UN NO. SEA 1950
IMDG CLASS 2.1
IMDG PACK GR. #
EMS F-D, S-U
UN NO. AIR 1950
AIR CLASS 2.1
AIR PACK GR. #

15 REGULATORY INFORMATION

LABELLING



Harmful



Extremely Flammable

CONTAINS

TOLUENE

RISK PHRASES

R12 Extremely flammable.
R36 Irritating to eyes.
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

A1 Pressurized 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.
S2 Keep out of the reach of children.
S9 Keep container in a well-ventilated place.
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.
S56 Dispose of this material and its container to hazardous or special waste collection point.

Detergent Labelling:

5 - < 15% Aromatic hydrocarbons
Aliphatic hydrocarbons

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16 OTHER INFORMATION

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GENERAL INFORMATION

Only trained personnel should use this material.

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 06/07/2011

REV. NO./REPL. SDS 11

GENERATED

RISK PHRASES IN FULL

R10	Flammable
R11	Highly flammable.
R12	Extremely flammable.
R20	Harmful by inhalation.
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.
R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.
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

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.