

# Tracing Plus Line Marker Acrylic Paint Aerosol



## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 453/2010

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

<b>Product Name</b>	Tracing Plus Line Marker Acrylic Paint Aerosol
<b>Product Inclusion</b>	The document applies to all colour variants within the range of Tracing Plus Line Marker Acrylic Paint Aerosol.
<b>Container Size</b>	750ml

#### 1.2. Relevant identified uses of the substance of mixture and uses advised against

<b>Identified Uses</b>	No specific uses identified
<b>Uses advised against</b>	No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	Meon Ltd. Railside Northharbour Spur Portsmouth PO6 3TU +44 (0) 23 9220 0606 +44 (0) 23 9220 0707 mail@meonuk.com
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#### 1.4. Emergency Telephone Number

<b>Emergency telephone</b>	+44 (0) 808 118 1922
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Flammable aerosol, Category 1 (Aerosol 1, H222 - H229).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

##### In compliance with directives Classification (67/548/EEC, 1999/45/EC)

Extremely flammable (F+, R 12).

Vapours may cause drowsiness and dizziness (R 67).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label Elements

Mixture for aerosol application

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms

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GHS02

<b>Signal word</b>	Danger
<b>H-statement(s)</b>	H222: Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
<b>P-statement(s)</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F
<b>Other information</b>	Reserved for professional users. Do not use in a confined space. Not to be used for any usage other than those specified.

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>  
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
DIMETHYL ETHER	INDEX: 603-019-00-8 CAS: 115-10-6 EC: 204-065-8 REACH: 01-2119472128-37-xxxx	F+ F+;R12	25 $\leq$ x % < 50  [1]
		GHS02, GHS04 Dgr Flam. Gas 1, H220	
MONOPROPYLENE GLYCOL METHYL ETHER	INDEX: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1 REACH: 01-2119457435-35	R10 R67	10 $\leq$ x % < 25  [1]
		GHS02, GHS07 Wng Flam. Liq. 3, H226 STOT SE 3, H336	
2-METHOXY-1-METHYLETHYL ACETATE	INDEX: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 REACH: 01-2110475791-29-xxxx	R10	10 $\leq$ x % < 25  [1]
		GHS02 Wng Flam. Liq. 3, H226	

#### Information on ingredients:

[1] Substance for which maximum workplace exposure limits are available.

## SECTION 4: First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

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### In case of eye contact If swallowed

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.  
Keep the person exposed at rest. Do not force vomiting.  
Seek medical attention, showing the label.  
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care be necessary. Show the label.

### 4.2. Most important symptoms and effects, both acute and delayed

No data available

### 4.3. Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Firefighting measures

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### 5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

#### **Suitable extinguishing media**

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

#### **Extinguishing media which must not be used for safety reasons**

- water jet

### 5.2. Special hazards arising from the substance or mixture

#### **Specific hazards during firefighting**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### **Special protective equipment for firefighting.**

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

#### **For non-first aid worker**

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

#### **For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

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### 6.4. Reference to other sections

No data available.

## SECTION 7: Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions on safe handling

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

#### Fire prevention:

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Packages which have been opened must be reclosed carefully and stored in an upright position.

#### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

#### Storage

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

#### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific and uses

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m <sup>3</sup>	VME-ppm	VLE-mg/m <sup>3</sup>	VLE-ppm	Notes
115-10-6	1920	1000	-	-	-
107-98-2	375	100	568	150	Peau
108-65-6	275	50	550	100	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010)

CAS	TWA	STEL	Ceiling	Definition	Criteria
107-98-2	100 ppm	150 ppm	-	-	-

- Denmark (2007)

CAS	TWA	TWA	Anm
115-10-6	1000 ppm	1885 mg/m <sup>3</sup>	-
107-98-2	50 ppm	185 mg/m <sup>3</sup>	-
108-65-6	50 ppm	275 mg/m <sup>3</sup>	H

- France (INRS - ED984 :2008)

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CAS	VME-ppm	VME-mg/m3	VLE-ppm	VLE-mg/m3	Notes	TMP No
115-10-6	1000	1920	-	-	-	-
107-98-2	50	188	100	375	*	84
108-65-6	50	275	100	550	-	-

- Norway (Administrative norms for pollution of the atmosphere, May 2007)

CAS	TWA	STEL	Ceiling	Definition	Criteria
115-10-6	200 ppm	-	-	-	-
107-98-2	50 ppm	-	-	-	-
108-65-6	50 ppm	-	-	-	-

- Sweden (AFS 2007:2)

CAS	TWA	STEL	Ceiling	Definition	Criteria
115-10-6	500 ppm	800 ppm	-	-	-
107-98-2	50 ppm	75 ppm	-	-	-
108-65-6	50 ppm	75 ppm	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007)

CAS	TWA	STEL	Ceiling	Definition	Criteria
115-10-6	400 ppm	500 ppm	-	-	-
107-98-2	100 ppm	150 ppm	-	-	-
108-65-6	50 ppm	100 ppm	-	-	-

### 8.2. Exposure controls

#### Personal protection measures,

Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### Hand Protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.  
Type of gloves recommended :  
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))  
- PVA (Polyvinyl alcohol)

#### Eye Protection

Avoid contact with eyes.  
Use eye protectors designed to protect against liquid splashes  
Before handling, wear safety goggles in accordance with standard EN166.

#### Skin and body Protection

Work clothing worn by personnel shall be laundered regularly.  
After contact with the product, all parts of the body that have been soiled must be washed.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Physical state	Viscous liquid.
Form	Spray.
pH	Not relevant.
Boiling Point [°C]	Not specified
Vapour pressure (50°C)	Not relevant.
Density	< 1
Water solubility	Insoluble
Melting point/melting range	Not specified
Self-ignition temperature	Not specified.
Decomposition point/decomposition range	Not specified
Chemical combustion heat	Not specified
Inflammation time	Not specified
Deflagration density	Not specified

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Inflammation distance	Not specified
Flame height	Not specified
Flame duration	Not specified

### 9.2. Other information

No data available.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

### 10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid:

- heating
- Heat

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- Carbon monoxide (CO)
- Carbon dioxide (CO<sub>2</sub>)

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Splashes in the eyes may cause irritation and reversible damage

#### 11.1.1 Substances

No toxicological data available for the mixture.

#### 11.1.2. Mixture

No toxicological data available for the mixture.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## **SECTION 13: Disposal considerations**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### **Waste**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably

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via a certified collector or company.

Do not contaminate the ground or water with waste; do not dispose of waste into the environment.

### Soiled packaging

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

### Codes of wastes (Decision 2001/573/EC, Directive

2006/12/EEC, Directive

94/31/EEC on hazardous waste)

16 05 04 \* gases in pressure containers (including halons) containing dangerous substances

## SECTION 14: Transport information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air Transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

### 14.1. UN number

1950

### 14.2. UN proper shipping name

UN1950=AEROSOLS, flammable

### 14.3. Transport hazard class(es)

Classification



2.1

### 14.4. Packing group

-

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5F	-	2.1	-	1 L	190 327 344 625	E0	2	D

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	2.1	See SP63	-	SP277	F-D,S-U	63 190 277 327 344 959	E0

IATA	Class	2°Label	Pack gr.	Passenger	Passenger	Cargo	Cargo	Note	EQ
	2.1	-	-	203	75 kg	203	150 kg	A145 A167 A145 A167 A802	E0
	2.1	-	-	Y203	30 kg G	-	-	A145 A167 A802	E0

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

### 14.7. Transport in bulk according to Annex II of MARPOL3/78 and the IBC Code

Not relevant

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### - Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Directive 75/734/CEE modified by directive 2013/10/UE
- Regulation EC 1272/2008 modified by regulation EC 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

##### - Container information:

No data available.

##### - Particular provisions :

No data available.

##### - Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



#### 15.2. Chemical safety assessment

No data available

### SECTION 16: Other information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### **In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Hazard symbols:



Extremely Flammable

Risk phrase:

R 12

R 67

Safety phrase :

Extremely flammable.

Vapours may cause drowsiness and dizziness.

No smoking.

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.



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### Title for H, EUH and R indications mentioned in section 3 :

H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
R 10	Flammable.
R 12	Extremely flammable.
R 67	Vapours may cause drowsiness and dizziness.

### Abbreviations :

ADR	European agreement concerning the international carriage of dangerous goods by Road.
IMDG	International Maritime Dangerous Goods.
IATA	International Air Transport Association.
ICAO	International Civil Aviation Organisation
RID	Regulations concerning the International carriage of Dangerous goods by rail.
WGK	Wassergefährdungsklasse (Water Hazard Class).
GHS02	Flame

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.