



Safety Data Sheet COLOUR PRIMER

Emission date: 04/09/2014
Version: 1.0

Comply with Regulation (EU) No. 453/2010, Annex II

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier Mixture identification: Acrylic Spray Trade name: Colour Primer
1.2 Relevant identified uses of the substance/mixture and uses advised against <i>Identified use:</i> Acrylic paint. <i>Uses advised against:</i> recommended use are listed above; other uses are not recommended unless an assessment has provided that risks are controlled.
1.3 Details of the supplier of the safety data sheet Company: The Army Painter Aps. Nydamsvej 1 Port 10 8362 Hoerning DENMARK Phone: +4528911656 E-mail address of competent person responsible for the SDS: contact@thearmypainter.com
1.4 Emergency telephone number Phone: +45 28911656 (Office hours)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture <i>Classification according to Regulation 1272/2008/EC and following amendments thereof:</i> Flammable Aerosol, cat. 1; H222; H229 Skin Irritation, cat. 2; H315 Eye Irritation, cat. 2; H319 Specific target organ toxicity - (single exposure) cat. 3; H336 <i>Classification according to Directive 1999/45/EC and following amendments thereof:</i> Extremely flammable F+; R12 Irritant; Xi; R36 R66; R67 <i>Physical and chemical effects harmful to human health and the environment:</i> no other hazard. For the full text of R-phrases and H-statement see SECTION 16.
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2.2. Label elements

Pictograms:



Warning:

DANGER



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H-Statements:

- * H222: Extremely flammable aerosol.
- * H229: Pressurised container: May burst if heated.
- * H315: Causes skin irritation.
- * H319: Causes serious eye irritation.
- * H336: May cause drowsiness or dizziness.

Precautionary Statements:

- * P101: If medical advice is needed, have product container or label at hand.
- * P102: Keep out of reach of children
- * 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.
- P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.
- P264: Wash the hands thoroughly after handling.
- * P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- * P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312: Call a POISON CENTER or a doctor if you feel unwell.
- P321: Specific treatment (see instructions on this label).
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- * P405: Store locked up.
- P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
- * P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- * P501: Dispose of contents/container according to national regulations.

Product identifiers:

- * Contains Methyl Acetate

Additional information:

- * EUH066: Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

vPvB substances: none

PBT substances: none

Other hazards: no other hazard.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N.A.

3.2 Mixtures

Hazardous components within the meaning of Directive 67/548/EEC and Regulation 1272/2008/EC and related classification:

REACH/INDEX Number	CE Num.	CAS Num.	Chemical Name	Conc. (%p/p)	CE Classification	CLP Classification
01-2119459211-47-XXXX; 607-021-00-X	201-185-2	79-20-9	Methyl Acetate	25 - 30	F,Xi; R11-36-66-67	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336



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601-003-00-5	200-827-9	74-98-6	Propane	20 - 25	F+; R12	Flam. Gas 1; H220
601-022-00-9	215-535-7	1330-20-7	Xilene	10 – 12.4	Xn,Xi; R10-20/21-38	Flam. Liq. 3; H226 Dermal Acute Tox. 4; H312 Inhal Acute Tox. 4; H332 Skin Irrit. 2; H315
601-004-00-0	203-448-7	106-97-8	Butane	10 – 12.5	F+; R12	Flam. Gas 1; H220
601-004-00-0	200-857-2	75-28-5	Isobutane	3 - 5	F+; R12	Flam. Gas 1; H220
01-2119433307-44-XXXX; 603-001-00-X	200-659-6	67-56-1	Methanol	1 – 2.9	F,T; R11-23/24/25-39/23/24/25	Flam. Liq. 2; H225 Dermal Acute Tox. 3; H311 Inhal Acute Tox. 3; H331 Oral Acute Tox. 3; H301 STOT SE 1; H370
01-2119475108-36-XXXX; 603-014-00-0	203-905-0	111-76-2	2-butoxy ethanol	1 - 3	Xn,Xi; R20/21/22-36/38	Dermal Acute Tox. 4; H312 Inhal Acute Tox. 4; H332 Oral Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319

For the full text of R-phrases and H-statement see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Wash immediately with plenty of running water and possibly with soap body areas that has come in contact with the product, even if only suspected.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of contact with skin, wash immediately with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse with water for a sufficient length of time and the eyelids open, then immediately consult an ophthalmologist.

Protect intact eye.

In case of Ingestion:

Do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Fresh air and rest.

4.2 Most important symptoms and effects, both acute and delayed



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None

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell seek medical advice immediately (if possible show directions for use or safety data sheet).

Treatment:
none.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

In case of fire use water spray or foam.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3 Advice for fire-fighters

Use suitable breathing apparatus.

Collect separately contaminated water used to extinguish the fire and don't discharge into drains.

If practicable in terms of security, move from immediate hazard undamaged containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

Remove all sources of ignition.

Move the person to a safe place.

See protective measures set out in sections 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Prevent spills into surface water or sewer system.

Retain contaminated washing water and dispose it.

In the event of a gas leak or penetration into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand.

Wash with plenty of water.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapors and mists.

Do not use empty container before they have been cleaned.

Before the transfer operations, assure that in the containers there are no incompatible materials residue.

Contaminated clothing should be changed before entering eating areas.

When using do not eat or drink.

Please refer also to section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities



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Always keep in a well-ventilated place.
Keep away from open flames, sparks and heat sources. Avoid direct exposure to the sun.
Keep away from food, drink and animal feed.

Incompatible materials:

None in particular. See also section 10.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3 Uso finale specifico

Acrylic paint.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits:

Methyl Acetate: CAS: 79-20-9 – EC: 201-185-2

TLV TWA (8h) (Denmark): 455 mg/m³, 150 ppm - TLV STEL(15min): 910 mg/m³, 300 ppm

TLV TWA (8h): 610 mg/m³, 200 ppm (OSHA – PEL; ACGIH)

Propane: CAS: 74-98-6 – EC: 200-827-9

TLV TWA (8h) (Denmark): 1800 mg/m³, 1000 ppm - TLV STEL(15min): 3600 mg/m³, 2000 ppm

TLV TWA (8h): 1800 mg/m³, 1000 ppm (OSHA – PEL; ACGIH)

Xilene : CAS: 1330-20-7 – EC: 215-535-7

TLV TWA (8h) EU: 221 mg/m³, 50 ppm – TLV STEL(15min) EU: 442 mg/m³, 100 ppm; skin

TLV TWA (8h) (Denmark): 109 mg/m³, 25 ppm - TLV STEL(15min): 218 mg/m³, 50 ppm

TLV TWA (8h): 435 mg/m³, 100 ppm (OSHA – PEL (ACGIH)

Butane: CAS: 106-97-8 – EC: 203-448-7

TLV TWA (8h) (Denmark): 1200 mg/m³, 500 ppm - TLV STEL(15min): 2400 mg/m³, 1000 ppm

Methanol: CAS: 67-56-1 – EC: 200-659-6

TLV TWA (8h) EU: 260 mg/m³, 200 ppm; skin

TLV TWA (8h) (Denmark): 260 mg/m³, 200 ppm - TLV STEL(15min): 520 mg/m³, 400 ppm

TLV TWA (8h): 260 mg/m³, 200 ppm (OSHA – PEL (ACGIH)

2-butoxyethanol: CAS: 111-76-2 – EC: 203-905-0

TLV TWA (8h) EU: 98 mg/m³, 20 ppm - TLV STEL(15min) EU: 246 mg/m³, 50 ppm; skin

TLV TWA (8h) (Denmark): 98 mg/m³, 20 ppm - TLV STEL(15min): 196 mg/m³, 40 ppm

TLV TWA (8h): 240 mg/m³, 50 ppm (OSHA – PEL; ACGIH)

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2 Exposure controls

Eye protection:

Use safety goggles, do not use eye lens.

Protection for skin:

It is not required the adoption of any special precautions for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection, eg. PVC, neoprene or rubber.

Respiratory protection:

Use adequate protection of the respiratory tract.

Thermal Hazards:

None known.

Environmental exposure controls:



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None in particular.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance and colour:	Liquid aspect (under pressure), various colors.
Odour:	Characteristic of solvent
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	Extremely flammable
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	< 0 ° C
Evaporation rate:	N.A.
Vapour pressure:	at 20°C – 4.0 bar at 50°C – 8.0 bar
Relative density:	0.75 – 0.80 g/ml
Solubility in water:	insoluble
Lipid solubility:	soluble
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.
9.2 Other information	
Miscibility:	N.A.
Conductivity:	N.A.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Stable under normal conditions.

10.5 Incompatible materials

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

10.6 Hazardous decomposition products

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:



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Methyl Acetate: CAS: 79-20-9 – EC: 201-185-2

LD₅₀ (oral, rat): > 5000mg/Kg

LD₅₀ (dermal, rabbit): > 5000 mg/Kg

Xilene: CAS: 1330-20-7 – EC: 215-535-7

LD₅₀ (oral, rat): 4300 mg/Kg

LD₅₀ (dermal, rabbit): > 1700 mg/Kg

LC₅₀ (inhalation, rat): 21.7 mg/L/4h

Methanol: CAS: 67-56-1 – EC: 200-659-6

LD₅₀ (oral, rat): 5630 mg/Kg

LD₅₀ (dermal, rabbit): 15800 mg/Kg

LC₅₀ (inhalation, rat): 83.9 mg/L/4h

2-butoxyethanol: CAS: 111-76-2 – EC: 203-905-0

LD₅₀ (oral, rat): 470 mg/Kg

LD₅₀ (dermal, rabbit): 220 mg/Kg

LC₅₀ (inhalation, rat): 2.17 mg/L/4h

Unless otherwise specified, the data required by Regulation 453/2010 / EU are set out below may not apply to:

- a) acute toxicity;
- b) corrosion / irritation: the mixture is classified Skin Irritation Category 2 according to Regulation (EC) 1272/2008 and subsequent amendments;
- c) serious eye damage / eye irritation: the mixture is classified Eye Irritation Category 2 according to Regulation (EC) 1272/2008 and subsequent amendments;
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) Specific target organ toxicity (STOT) - single exposure: the mixture is classified as STOT Category 3, exposure may cause drowsiness or dizziness, according to Regulation (EC) 1272/2008 and subsequent amendments;
- i) Specific target organ toxicity (STOT) - repeated exposure;
- j) Aspiration toxicity;

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Methyl Acetate: CAS: 79-20-9 – EC: 201-185-2

LC₅₀ (fish, 96h): 399 mg/L

Xilene - CAS: 1330-20-7 – EC: 215-535-7

LC₅₀ (fish, 96h): 15.7 mg/L

LC₅₀ (crustaceans, 48h): 8.5 mg/L

Methanol: CAS: 67-56-1 – EC: 200-659-6

LC₅₀ (fish, 96h): 24000 mg/L

LC₅₀ (crustaceans, 48h): 3290 mg/L

EC₅₀ (crustaceans, 48h): 24500 mg/L

2-butoxyethanol: CAS: 111-76-2 – EC: 203-905-0

LC₅₀ (fish, 96h): 1370 mg/L

LC₅₀ (crustaceans, 48h): 800 mg/L

Use according to good working practices, avoiding disposal in the environment.

12.2 Persistence and degradability

Data not available.



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12.3 Bioaccumulative potential Data not available.
12.4 Mobility in soil Data not available.
12.5 Results of PBT and vPvB assessment vPvB substances: none. PBT substances: none.
12.6 Other adverse effects None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Recover if possible. Send to authorized disposal plants or for incineration under controlled conditions. Operate according to local and national regulations.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID/ADN)	Maritime transport (IMDG Code)	Air transport (ICAO T.I./IATA)
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	AEROSOL	AEROSOL	AEROSOL
14.3 Class	2	2.1	2.1
Label	2.1	2.1	2.1
14.4 Packing group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not classified	Not classified	Not classified
14.6 Special precautions for user	(*)	EmS : F-D, S-U (*)	(*)
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

(*) "The transport, including loading and unloading must be carried out by persons who have received the necessary training required by the modal regulations regarding the transport of dangerous goods."

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<i>Regulation (EC) No 1005/2009 on substances that deplete the ozone layer</i> Not listed.
<i>Regulation (EC) No 850/2004 on Persistent Organic Pollutants, Annex I</i> Not listed.
<i>Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1</i>



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Not listed.
<i>Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2</i> Not listed.
<i>Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3:</i> Not listed.
<i>Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex V:</i> Not listed.
<i>Regulation (EC) No 1907/2006, Article 59 (1) [Candidate List of SVHC]:</i> Not listed.
<i>Regulation (EC) No 1907/2006, Annex XIV:</i> Not listed.
<i>Regulation (EC) No 1907/2006, Annex XVII:</i> Not listed.
Volatile Organic Compounds - VOC = 582.60 g/l Volatile CMR substances = 0.00 % Halogenated VOCs which are R40 = 0.00 % Organic Carbon - C = 0.01 Where applicable, refer to the following standards: <i>Directive 2012/18/UE (Seveso IV)</i> <i>Regulation (EC) No 648/2004 (Detergents).</i>
15.2. Chemical Safety Assessment: a chemical safety assessment hasn't been carried out for this product.

SECTION 16: OTHER INFORMATION

Date: 04/09/2014 Type of revision: first issue Comply with Regulation (EU) n. 453/2010, Annex II This document was prepared by a competent person who has received appropriate training.

ACRONYMS AND ABBREVIATIONS

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road.
ACGIH: American Conference of Industrial Governmental Hygienists.
CAS: Chemical Abstracts Service (American Chemical Society division).
CLP: Classification, Labelling, Packaging
DNEL: Derivate No Effect Level
EINECS: European Inventory of existing chemical substances in the European market.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO T.I. : International Civil Aviation Organization Technical Instructions.
IMDG: International Maritime Dangerous Goods Code.
LC₅₀: Lethal concentration for 50 percent of test population.
LD₅₀: Lethal dose for 50 percent of test population.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
NIOSH-REL: National Institute for Occupational Safety and Health (USA) - Recommended Exposure Limits.
OSHA-PEL: Occupational Safety & Health Administration (USA) - Permissible Exposure Limits.
PNEC: Predicted No Effect Concentration



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RID: Règlement concernant le transport International ferroviaire des marchandises Dangereuses.
STE: Short-term exposure.
STEL: Short-term exposure level
STOT: Specific Target Organ Toxicity
TLV: Threshold Limit Value
TLV-TWA: Threshold Limit Value – Time Weight Average (8h) (ACGIH Standard).

Remarks:

N.A. = not applicable
N.D. = not determined

Safety data sheet complying with:

- Directive 1999/45/EC and following amendments;
- Directive 67/548/EEC and following amendments;
- Regulation (EC) n. 1907/2006 (REACH) and following amendments;
- Regulation (EC) n. 1272/2008 (CLP) and following amendments;
- Regulation (EU) n. 453/2010.

Legislation and reference sources:

- Directive 67/548/EEC (Classification and labeling of dangerous substances)
- Directive 1999/45/EC (Classification and labeling of dangerous preparations)
- Regulation (EC) n. 1272/2008 (Classification, labeling and packaging of substances and mixtures)
- ADR (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- International Maritime Dangerous Goods Code (IMDG Code)
- International Air Transport Association (IATA)
- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

Full text of R-phrases and H-statement referred to in SECTIONS 2 and 3:

R-Phrases:

R10: Flammable.
R11: Highly flammable.
R12: Extremely flammable.
R20/21: Harmful by inhalation and in contact with skin.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R36: Irritating to eyes.
R36/38: Irritating to eyes and skin.
R38: Irritating to skin.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

H-Statement:

H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H229: Pressurised container: May burst if heated.
H301: Toxic if swallowed.



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H302: Harmful if swallowed.
H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness.
H370: Causes damage to organs.

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.