Safety Data Sheet

SPRAY MALING

Safety Data Sheet dated 8/1/2013, version 1

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

1.1. Product identifier
   Mixture identification:
   Trade name: SPRAY MALING
   Trade code: HN PAINT

1.2. Relevant identified uses of the substance or mixture and uses advised against
   Recommended use:
   Spray painting decorative household, industrial and professional

1.3. Details of the supplier of the safety data sheet
   Company:
   Super Help srl - Via V.Veneto, 11 - 21100 Varese (VA) - Italy
   Tel. + 39 347/4650120
   Fax +39 0331/953178
   Email: info@super-help.com - Web: www.super-help.com

1.4. Emergency telephone number
   Centro Antiveleni Ospedale Niguarda (MI) - 0266101029 24 ore su 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
   Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:
   Properties / Symbols:
   F+ Extremely flammable
   Xi Irritant
   R Phrases:
   R12 Extremely flammable.
   R36 Irritating to eyes.
   R66 Repeated exposure may cause skin dryness or cracking.
   R67 Vapours may cause drowsiness and dizziness.

   Adverse physicochemical, human health and environmental effects:
   No other hazards

2.2. Label elements

   Symbols:
   Xi Irritant
   F+ Extremely flammable
   R Phrases:
   R12 Extremely flammable.
   R36 Irritating to eyes.
   R66 Repeated exposure may cause skin dryness or cracking.
   R67 Vapours may cause drowsiness and dizziness.
   S Phrases:
   S16 Keep away from sources of ignition - No smoking.
S2 Keep out of reach of children.
S23 Do not breathe spray.
S43 In case of fire, use vaporized water or foam.
S46 If swallowed, seek medical advice immediately and show this container or label.
S9 Keep container in a well-ventilated place.

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.

2.3. Other hazards
vPvB Substances: None - PBT Substances: None
Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients
3.1. Substances
N.A.
3.2. Mixtures
Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:
30% - 40% acetone; propan-2-one; propanone
Index number: 606-001-00-8, CAS: 67-64-1, EC: 200-662-2
F,Xi; R11-36-66-67
  2.6/2 Flam. Liq. 2 H225
  3.3/2 Eye Irrit. 2 H319
  3.8/3 STOT SE 3 H336

15% - 20% propane
Index number: 601-003-00-5, CAS: 74-98-6, EC: 200-827-9
F+; R12; substance with a Community workplace exposure limit
  2.2/1 Flam. Gas 1 H220
  2.5 Press. Gas H280

10% - 12.5% o-xylene
Index number: 601-022-00-9, CAS: 1330-20-7, EC: 215-535-7
Xn,Xi; R10-20/21-38
  2.6/3 Flam. Liq. 3 H226
  3.2/2 Skin Irrit. 2 H315
  3.1/4/Dermal Acute Tox. 4 H312
  3.1/4/Inhal Acute Tox. 4 H332
SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:
- 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.
- Wash thoroughly the body (shower or bath).
- Remove contaminated clothing immediately and dispose off safely.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:
- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

In case of ingestion:
- Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:
- Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed
4.3. Indication of any immediate medical attention and special treatment needed
In case of accident or unwellness, seek medical advice immediately (show directions for use
or safety data sheet if possible).
Treatment:
None

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
In case of fire, use vaporized water 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 firefighters
Use suitable breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into
drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible
authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up
Wash with plenty of water.

6.4. Reference to other sections
See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material
residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recomended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities
Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
7.3. Specific end use(s)
None in particular

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
acetone; propan-2-one; propanone - CAS: 67-64-1
   TLV TWA - ppm 500,A4
   TLV STEL - ppm 750,A4
   VLE 8h - ppm 500  mg/m3 1210
propane - CAS: 74-98-6
   TLV TWA - 1000 ppm - 0 mg/m3
   VLE short - 1000 ppm
o-xylene - CAS: 1330-20-7
   TLV TWA - ppm 100 ,A4
   TLV STEL - ppm 150 ,A4
   VLE 8h - ppm 50 - mg/m3 221 ,Skin
   VLE short - ppm 100 - mg/m3 442 ,Skin
butane - CAS: 106-97-8
   TLV TWA - 1000 ppm
butane - CAS: 75-28-5
   TLV TWA - 1000 ppm - 0 mg/m3
   VLE short - 1000 ppm
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2
   TLV TWA - ppm 20 A3
   TLV STEL - A3
   VLE 8h - ppm 20  mg/m3 98 ,Skin
   VLE short - ppm 50  mg/m3 246 ,Skin
DNEL Exposure Limit Values
N.A.
PNEC Exposure Limit Values
N.A.
8.2. Exposure controls
Eye protection:
   Use close fitting safety goggles, don't use eye lens.
Protection for skin:
   No special precaution must be adopted for normal use.
Protection for hands:
   Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
Respiratory protection:
   Use adequate protective respiratory equipment.
Thermal Hazards:
   None
Environmental exposure controls:
   None
SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties
   Appearance and colour: Liquid aspect (under pressure), various colours.
   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: Inf. 0 °C
   Evaporation rate: N.A.
   Vapour pressure: a 20°C - 4,0 bar a 50°C - 8,0 bar
   Relative density: 0,75 - 0,80 g/ml
   Solubility in water: NO
   Solubility in oil: SI
   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.
   Fat Solubility: N.A.
   Conductivity: N.A.
   Substance Groups relevant properties 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
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.

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:
   acetone; propan-2-one; propanone - CAS: 67-64-1
LD50 (RABBIT) ORAL: 5300 MG/KG

O-xylene - CAS: 1330-20-7
LD50 (RAT) ORAL: 5000 MG/KG

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2
LD50 (RABBIT) ORAL: 320 MG/KG

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:
- acute toxicity;
- skin corrosion/irritation;
- serious eye damage/irritation;
- respiratory or skin sensitisation;
- germ cell mutagenicity;
- carcinogenicity;
- reproductive toxicity;
- STOT-single exposure;
- STOT-repeated exposure;
- aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
N.A.

12.2. Persistence and degradability
None
N.A.

12.3. Bioaccumulative potential
N.A.

12.4. Mobility in soil
N.A.

12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects
None

SECTION 13: Disposal considerations

13.1. Waste treatment methods
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.

SECTION 14: Transport information

14.1. UN number
Not classified as dangerous in the meaning of transport regulations.
ADR-UN number: 1950
IATA-Un number: 1950
IMDG-Un number: 1950

14.2. UN proper shipping name
ADR-Shipping Name: Aerosol
IATA-Technical name: Aerosol
Safety Data Sheet
SPRAY MALING

IMDG-Technical name: Aerosol
N.A.

14.3. Transport hazard class(es)
ADR-Class: 2 5F
ADR-Label: 2
ADR - Hazard identification number: -
IATA-Class: 2.1
IATA-Label: 2.1
IMDG-Class: 2
N.A.

14.4. Packing group
ADR-Packing Group: -
IATA-Packing group: -
IMDG-Packing group: -
N.A.

14.5. Environmental hazards
Marine pollutant: Marine pollutant
N.A.

14.6. Special precautions for user
IATA-Passenger Aircraft: ---
IATA-Cargo Aircraft: 203
IMDG-Technical name: Aerosol
IMDG-Page: F-D, S-U
N.A.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)
Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Dir. 2006/8/EC
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP)
Regulation (EU) n. 453/2010 (Annex I)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
None

Volatile Organic compounds - VOCs = 700.50 g/l
Volatile CMR substances = 0.00 %
Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
Organic Carbon - C = 0.01

Where applicable, refer to the following regulatory provisions:
1999/13/EC (VOC directive)

15.2. Chemical safety assessment
SECTION 16: Other information

Text of phrases referred to under heading 3:
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.
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.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H220 Extremely flammable gas.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H302 Harmful if swallowed.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.
This document was prepared by a competent person who has received appropriate training.
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
CCNL - Appendix 1
Insert further consulted bibliography

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.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport
Safety Data Sheet

Spray Maling

ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
INCI: International Nomenclature of Cosmetic Ingredients.
KST: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LTE: Long-term exposure.
PNEC: Predicted No Effect Concentration.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE: Short-term exposure.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day (ACGIH Standard).
WGK: German Water Hazard Class.
N.A.: N.A.
N.D.: