Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 30.07.2008
Revision: 30.07.2008

* 1 Identification of the substance/preparation and of the company/undertaking

· Product details
· Trade name: ANTI-WELDING SPRAY
· Article number: 110056
· Application of the substance / the preparation Surface protection

· Manufacturer/Supplier:
MOTIP DUPLI B.V.
Wolfraamweg 2
NL- 8471 XC Wolvega
The Netherlands
Tel: +31 (0)561 694400
Fax: +31 (0)561 694411
e-mail info@nl.motipdupli.com

· Further information obtainable from: QHSE Department
· Information in case of emergency: Tel: +31 (0)561 694400 (08.00 / 17.00)

2 Hazards identification

· Hazard description: Not applicable.
· Information concerning particular hazards for human and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Keep out of the reach of children

· Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
· GHS label elements Void

3 Composition/information on ingredients

· Chemical characterization
· Description: Mixture of substances listed below with nonhazardous additions.
· Dangerous components: Void
· Additional information: For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

· General information: No special measures required.
· After inhalation: Supply fresh air; consult doctor in case of complaints.
· After skin contact: Generally the product does not irritate the skin.
· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
· After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

5 Fire-fighting measures

· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
6 Accidental release measures
- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:** Do not allow to enter sewers/surface or ground water.
- **Measures for cleaning/collecting:** Ensure adequate ventilation.
- **Additional information:** No dangerous substances are released.

7 Handling and storage
- **Handling:**
  - **Information for safe handling:**
  No special measures required.
  Ensure good ventilation/exhaustion at the workplace.
  - **Information about fire - and explosion protection:**
  Do not spray onto a naked flame or any incandescent material.
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:**
  Observe official regulations on storing packagings with pressurized containers.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:** None.

8 Exposure controls/personal protection
- **Additional information about design of technical facilities:**
  No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**
  The lists valid during the making were used as basis.
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
  Do not inhale gases/fumes/aerosols.
  - **Respiratory protection:** Not required.
- **Protection of hands:**
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation
  - **Material of gloves:** Not required.
  - **Penetration time of glove material:** Not required.
  - **Eye protection:** Not required.

9 Physical and chemical properties
- **General Information**
  - **Form:** Aerosol
  - **Colour:** According to product specification
  - **Odour:** Characteristic
  - **Change in condition**
  - **Melting point/Melting range:** Undetermined.
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Boiling point/Boiling range: Not applicable, as aerosol.
  · Flash point : 202°C (396°F)
  Not applicable, as aerosol.
  · Ignition temperature : 285°C (545°F)
  · Self-igniting : Product is not self-igniting.
  · Danger of explosion : Product does not present an explosion hazard.

· Explosion limits:
  Lower : 1.4 Vol %
  Upper : 10.9 Vol %
· Vapour pressure at 20°C (68°F) : 8500 hPa (6376 mm Hg)
· Density at 20°C (68°F) : 0.595 g/cm³

· Solubility in / Miscibility with
  Water : Not miscible or difficult to mix.
· Solvent content:
  Organic solvents : 0.2 %
  · EU-VOC : 3.0 g/l
  · EU-VOC in % : 0.22 %
  · Water : 93.3 %

10 Stability and reactivity
  · Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.
  · Dangerous reactions : No dangerous reactions known.
  · Dangerous decomposition products : No dangerous decomposition products known.

11 Toxicological information
  · Acute toxicity:
  · Primary irritant effect:
    · on the skin : No irritant effect.
    · on the eye : No irritating effect.
    · Sensitization : No sensitizing effects known.

· Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information
  · General notes:
    Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations
  · Product:
    · Recommendation Smaller quantities can be disposed of with household waste.
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- European waste catalogue
  20 01 13 solvents
  15 01 04 metallic packaging

- Uncleaned packaging:
  Recommendation: Disposal must be made according to official regulations.

14 Transport information
- Land transport ADR/RID (cross-border)
  - ADR/RID class: 2.5A Gases.
  - Danger code (Kemler): -
  - UN-Number: 1950
  - Packaging group: -
  - Hazard label 2.2
  - Description of goods: 1950 AEROSOLS
  - Limited quantities (LQ) LQ2
  - Transport category 3
  - Tunnel restriction code E

- Maritime transport IMDG:
  - IMDG Class: 2.2
  - UN Number: 1950
  - Label 2.2
  - Packaging group: -
  - EMS Number: F-D,S-U
  - Marine pollutant: No
  - Proper shipping name: AEROSOLS

- Air transport ICAO-TI and IATA-DGR:
  - ICAO/IATA Class: 2.2
  - UN/ID Number: 1950
  - Label 2.2
  - Packaging group: -
  - Proper shipping name: AEROSOLS, non-flammable
  - UN “Model Regulation”: UN1950, AEROSOLS, 2.2

15 Regulatory information
- Labelling according to EU guidelines:
  Observe the general safety regulations when handling chemicals.
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The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· Safety phrases:
  2 Keep out of the reach of children.
  23 Do not breathe aerosol.
  26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  46 If swallowed, seek medical advice immediately and show this container or label.
  51 Use only in well-ventilated areas.

· Special labelling of certain preparations:
  Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
  Keep out of the reach of children

16 Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing MSDS: QHSE Department
· Contact:
  Mrs. D. Kleistra

· Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
  ICAO: International Civil Aviation Organization
  ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
  GHS: Globally Harmonized System of Classification and Labelling of Chemicals

Data compared to the previous version altered.