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

*·* ***Product details***

*·* ***Trade name: MIDO MIX Clear Coat E100***

*·* ***Application of the substance / the preparation***

*This Product Is designed for vehicle re finishing by professional painters only, in accordance with the*

*Manufactures instructions specified in the technical data sheet.*

*·* ***Manufacturer/Supplier:***

*International Group for Modern Coatings*

*Industrial Zone Borg El -*

*Elarab Alexandria Egypt*

· ***Information department:*** *Environmental department.*

*·* ***Information in case of emergency:*** *During normal opening times: +20 34625042/3*

***2 Hazards identification***

*·* ***Hazard description:*** *Not applicable.*

*·* ***Information concerning particular hazards for human and environment:***

*The product has to be labelled due to the calculation procedure of the "General Classification guideline for*

*Preparations of the EU" in the latest valid version. R 10 Flammable.*

*R 67 Vapors may cause drowsiness and dizziness.*

*·* ***Classification system:***

*The classification is according to the latest editions of the EU-lists, and extended by company and literature*

*Data.*

*·* ***GHS label elements***

***Warning***



*H226 - Flammable liquid and vapor.*

***Warning***



*H336 - May cause drowsiness or dizziness.*

*·* ***Prevention:***

*P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*

*P241 Use explosion-proof electrical/ventilating/lighting/equipment. P261 Avoid breathing dust/fume/gas/mist/vapors/spray.*

*·* ***Response:***

*P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse*

*Skin with water/shower.*

*·* ***Storage:***

*P405 Store locked up.*

*·* ***Disposal:***

*P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*

***3 Composition/information on ingredients***

*·* ***Chemical characterization***

*·* ***Description:*** *Mixture of substances listed below with nonhazardous additions.*

|  |  |  |  |
| --- | --- | --- | --- |
| *·* ***Dangerous components:*** | | | |
| *CAS: 123-86-4*  *EINECS: 204-658-1* | *n-butyl acetate* | *R 10-66-67* | *20-35%* |
| *Warning: 2.6/3; 3.8/3* |

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***Trade name: MIDO MIX Clear Coat E100***

*·*

***Additional information:*** *For the wording of the listed risk phrases refer to section 16.*

(Contd. of page 1)

***4 First aid measures***

*·* ***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.*

*·* ***After swallowing:*** *If symptoms persist consult doctor.*

***5 Fire-fighting measures***

*·* ***Suitable extinguishing agents:*** *CO2, sand, extinguishing powder. Do not use water.*

*·* ***For safety reasons unsuitable extinguishing agents:*** *Water with full jet*

*·* ***Protective equipment:*** *No special measures required.*

***6 Accidental release measures***

*·* ***Person-related safety precautions:*** *Wear protective equipment. Keep unprotected persons away.*

*·* ***Measures for environmental protection:*** *Do not allow to enter sewers/ surface or ground water.*

*·* ***Measures for cleaning/collecting:***

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

*Do not flush with water or aqueous cleansing agents*

***7 Handling and storage***

*·* ***Handling:***

*·* ***Information for safe handling:*** *Safe handling.*

*·* ***Information about fire - and explosion protection:***

*Keep ignition sources away - Do not smoke.*

*Protect against electrostatic charges.*

*·* ***Storage:***

*·* ***Requirements to be met by storerooms and receptacles:*** *No special requirements.*

*·* ***Information about storage in one common storage facility:*** *Not required.*

*·* ***Further information about storage conditions:*** *Keep container tightly sealed.*

***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:*** | |
| ***123-86-4 n-butyl acetate*** | |
| *WEL* | *Short-term value: 966 mg/m³, 200 ppm*  *Long-term value: 724 mg/m³, 150 ppm* |

*·* ***Additional information:*** *The lists valid during the making were used as basis.*

*·* ***Personal protective equipment:***

*·* ***General protective and hygienic measures:*** *Wash hands before breaks and at the end of work.*

*·* ***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*

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(Contd. on page 3)

***Trade name: MIDO MIX Clear Coat E100***

*·*

***Material of gloves***

(Contd. of page 2)

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.*

*·* ***Penetration time of glove material***

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be*

*Observed.*

*·* ***Eye protection:***

*Tightly sealed goggles*



***9 Physical and chemical properties***

|  |
| --- |
| *·* ***General Information*** |
| ***Form:*** *Fluid*  ***Color:*** *According to product specification*  ***Odor:*** *Characteristic* |
| *·* ***Change in condition***  ***Melting point/Melting range:*** *Undetermined.*  ***Boiling point/Boiling range:*** *124°C* |
| *·* ***Flash point:*** *27°C* |
| *·* ***Ignition temperature:*** *370°C* |
| *·* ***Self-igniting:*** *Product is not self-igniting.* |
| *·* ***Danger of explosion:*** *Product is not explosive. However, formation of explosive air/vapor mixtures are possible.* |
| *·* ***Explosion limits:***  ***Lower:*** *1.2 Vol %*  ***Upper:*** *7.5 Vol %* |
| *·* ***Vapor pressure at 20°C:*** *10.7 hPa* |
| *·* ***Density:*** *0.99-1.01 g/cm³* |
| *·* ***Solubility in / Miscibility with***  ***Water:*** *Not miscible or difficult to mix.* |
| *·* ***Solvent content:***  ***Organic solvents:*** *40.0-45.0 %*  ***VOC (EC)*** *40.0-45.0 %* |
| ***Solids content:*** *55.0 -60.0%* |

***10 Stability and reactivity***

*·* ***Thermal decomposition / conditions to be avoided:*** *No decomposition if used according to specifications.*

*·* ***Materials to be avoided:***

*·* ***Dangerous reactions*** *No dangerous reactions known.*

*·* ***Dangerous decomposition products:*** *No dangerous decomposition products known.*

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(Contd. on page 4)

***Trade name: MIDO MIX Clear Coat E100***

(Contd. of page 3)

***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.*

***12 Ecological information***

*·* ***Additional 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***

*Must not be disposed together with household garbage. Do not allow product to reach sewage system.*

*·* ***Uncleansed packaging:***

*·* ***Recommendation:*** *Disposal must be made according to official regulations.*

***14 Transport information***

*·* ***Land transport ADR/RID (cross-border)***



*·* ***ADR/RID class:*** *3 Flammable liquids.*

*·* ***Danger code (Kemler):*** *30*

*·* ***UN-Number:*** *1263*

*·* ***Packaging group:*** *III*

*·* ***Hazard label:*** *3*

*·* ***Description of goods:*** *1263 paint related materials*

*·* ***Tunnel restriction code*** *D/E*

*·* ***Maritime transport IMDG:***



|  |  |
| --- | --- |
| *·* ***IMDG Class:*** | *3* |
| *·* ***UN Number:*** | *1263* |
| *·* ***Label*** | *3* |

*·* ***Packaging group:*** *III*

*·* ***EMS Number:*** *F-E,S-D*

*·* ***Marine pollutant:*** *No*

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(Contd. on page 5)

***Trade name: MIDO MIX Clear Coat E100***

*·* ***Proper shipping name:*** *1263 paint related materials*

*·* ***Air transport ICAO-TI and IATA-DGR:***



*·* ***ICAO/IATA Class:*** *3*

*·* ***UN/ID Number:*** *1263*

*·* ***Label*** *3*

*·* ***Packaging group:*** *III*

*·* ***Proper shipping name:*** *1263 paint related materials*

*·* ***UN "Model Regulation":*** *UN1263, paint related materials, 3, III*

(Contd. of page 4)

***15 Regulatory information***

*·* ***Labelling according to EU guidelines:***

*The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous*

*Materials.*

*·* ***Risk phrases:***

*10 Flammable.*

*67 Vapors may cause drowsiness and dizziness.*

*·* ***Safety phrases:***

*2 Keep out of the reach of children.*

*25 Avoid contact with eyes.*

*46 If swallowed, seek medical advice immediately and show this container or label.*

*56 Dispose of this material and its container to hazardous or special waste collection point.*

***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.*

*·* ***Relevant R-phrases***

*10 Flammable.*

*66 Repeated exposure may cause skin dryness or cracking.*

*67 Vapors may cause drowsiness and dizziness.*

*·* ***Department issuing MSDS:*** *Product safety department*

*·* ***Contact:*** *Eng... Ahmed shawky*

*·* ***Abbreviations and acronyms:***

*ADR: Accord European sure le transport des merchandises dangerousness par Route (European Agreement concerning the International* *Carriage of Dangerous Goods by Road)*

*RID: regalement international concernant le transport des merchandises dangerousness 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*

*VOC: Volatile Organic Compounds (USA, EU)*

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