



**German Metal Surface Treatment Chemicals CO.  
Paints Factory**

**Safety Data Sheet**

According to 1907/2006/EC , Article 31

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



**Product details**

- **Trade name:** **Dura Wood Stain – Dura 777**
- **Manufacturer/Supplier:**  
German Surface treatment chemicals Co.  
AL Fawzan industry Area  
Riyadh  
Saudi Arabia Kingdom  
[amirqasqas@sugest.com.sa](mailto:amirqasqas@sugest.com.sa)
- **Further information obtainable from:** Product safety department
- **Information in case of emergency:** During normal opening times: +966 11 4647711

**2 Composition/information on ingredients**

**.Chemical characterization**

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

<b>.Dangerous components:</b>		
CAS: 64-17-5 EINECS: 200-578-6	ethanol	 F; R 11
CAS: 78-83-1 EINECS: 201-148-0	butanol	 Xi.; R 10-37/38-41-67

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



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### 3 Hazards identification

*Hazard description:*



**. 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.

R 11 Highly flammable.

R 41 Risk of serious damage to eyes.

**. Classification system:**

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

### 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:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**. For safety reasons unsuitable extinguishing agents:**

Water

Water with full jet

*. Protective equipment: No special measures required.*



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**6 Accidental release measures**

- . **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.  
Do not allow product to reach sewage system or any water course.  
Prevent seepage into sewage system, work pits and cellars.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- . **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).  
Ensure adequate ventilation  
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:** Store in a cool location
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:**  
Keep container tightly sealed  
Store in cool, dry conditions in well sealed receptacles.



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**8 Exposure controls/personal protection**

*Additional information about design of technical facilities: No further data; see item 7.*

<b>. Ingredients with limit values that require monitoring at the workplace:</b>	
<b>64-17-5 ethanol</b>	
OES	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
<b>78-83-1 butanol</b>	
OES	Short-term value: 231 mg/m <sup>3</sup> , 75 ppm Long-term value: 154 mg/m <sup>3</sup> , 50 ppm

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

**. Personal protective equipment:**

**. General protective and hygienic measures:**

*Keep away from foodstuffs, beverages and feed.*

*Immediately remove all soiled and contaminated clothing*

*Wash hands before breaks and at the end of work.*

*Avoid contact with the eyes.*

**. Respiratory protection: Not required.**

**. Protection of hands:**



*Protective gloves*

*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**

*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 can not be calculated in advance and has therefore to be checked prior to the application.*

**. Penetration time of glove material**

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

**. Eye protection:**



*Tightly sealed goggles*



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**9 - Physical and chemical properties**

<b>General Information</b>
<b>Form:</b> Fluid
<b>Colour:</b> According to product specification
<b>Odour:</b> Characteristic
<b>. Change in condition</b>
<b>Melting point/Melting range:</b> Undetermined.
<b>Boiling point/Boiling range:</b> 78°C
<b>. Flash point:</b> 13°C
<b>. Ignition temperature:</b> 390.0°C
<b>. Self-igniting:</b> Product is not self igniting.
<b>. Danger of explosion:</b> Product is not explosive. However, formation of explosive air/vapour mixtures are possible
<b>. Explosion limits:</b>
<b>Lower:</b> 1.7 Vol %
<b>Upper:</b> 15.0 Vol %
<b>. Vapour pressure at 20°C:</b> 59.0 hPa
<b>. Density:</b> Not determined.
<b>. Solubility in / Miscibility with water:</b> Not miscible or difficult to mix.
<b>. Solids content:</b> ---

**10 Stability and reactivity**

**. Thermal decomposition / conditions to be avoided:**

No decomposition is used according to specifications.

**. Dangerous reactions:** No dangerous reactions known

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



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### ***11 Toxicological information***

**.Acute toxicity:**

**.Primary irritant effect:**

**.On the skin:** No irritant effect.

**. On the eye:** Strong irritant with the danger of severe eye injury.

**. Sensitization:** No sensitizing effects known.

**. Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

### ***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:**

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

**.Un cleaned packaging:**

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



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**14 Transport information**

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



- . **ADR/RID class:** 3 Flammable liquids.
- . **Danger code (Kemler):** 33
- . **UN-Number:** 1263
- . **Packaging group:** 11
- . **Hazard label** 3
- . **Description of goods:** 1263 PAINT RELATED MATERIAL (vapor pressure at 50°C at most 110 kPa)

**Maritime transport IMDG:**



- IMDG Class:** 3
- . **UN Number:** 1263
- . **Label** 3
- . **Packaging group:** II
- . **EMS Number:** 3-05
- . **Marine pollutant:** No
- . **Proper shipping name:** PAINT RELATED MATERIAL

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



- ICAO/IATA Class:** 3
- . **UN/ID Number:** 1263
- . **Label** 3
- . **Packaging group:** II
- . **Proper shipping name:** PAINT RELATED MATERIAL



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**15 Regulatory information**

<b>· General Information</b>
<b>Form:</b> Fluid <b>Colour:</b> According to product specification <b>Odour:</b> Characteristic
<b>· Change in condition</b> <b>Melting point/Melting range:</b> Undetermined. <b>Boiling point/Boiling range:</b> 110°C
<b>· Flash point:</b> 4°C
<b>· Ignition temperature:</b> 370°C
<b>· Self-igniting:</b> Product is not self igniting.
<b>Danger of explosion:</b> Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>· Explosion limits:</b> <b>Lower:</b> 1.2 Vol % <b>Upper:</b> 7.5 Vol %
<b>· Vapor pressure at 20°C:</b> 29 hPa
<b>· Density at 20°C:</b> 0.94 : 1.10 g/cm <sup>3</sup>
<b>· Solubility in / Miscibility with</b> <b>water:</b> Not miscible or difficult to mix.
<b>· Solvent content:</b> <b>Organic solvents:</b> 40 % <b>VOC (EC) :</b> 40 %
<b>Solids content:</b> 60 %





**· Trade name: Dura Wood Stain- Dura 777**

## **10 - Stability and reactivity**

**. Labelling according to EU guidelines:**

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

**. Code letter and hazard designation of product:**

Xi Irritant

F Highly flammable

**. Risk phrases:**

I I Highly flammable.

41 Risk of serious damage to eyes.

**. Safety phrases:**

2 Keep out of the reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

37/39 Wear suitable gloves and eye/face protection.

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

**. National regulations:**

**. Technical instructions (air):**

<b>Class</b>	<b>Share in %</b>
III	30.0

**Water hazard class:** Water hazard class 1(Self-assessment):slightly hazardous for water.



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***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.*

*11 Highly flammable*

*37/38 Irritating to respiratory system and skin.*

*41 Risk of serious damage to eyes.*

*67 Vapours may cause drowsiness and dizziness.*

**. Department issuing MSDS:** *product safety department.*