

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name** QD ENAMEL ORANGE & YELLOW (SINGLE PACK) (DI009)  
**Synonyms** Solvent based QD Enamel.  
**Description** Viscous liquid solvent-based paint  
**Supplier/Manufacturer:** **Dura Paints (PTY) Ltd**  
 5 Wakefield Road,  
 Founders View South,  
 Edenvale,  
 Gauteng, South Africa  
 Tel. +27 11 4525221

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous and / or other relevant components

- A. CLASSIFICATION** Moderately Hazardous  
**B. HAZARDOUS COMPONENTS** Petroleum Hydrocarbons

	%m/m	CAS No.	EC No	C.I. No
Light Aliphatic Petroleum Solvent	>10 %	64742-89-8	649-330-00-2	NA
Toluene	>10 %	108-88-3	203-625-9	NA
Xylene	>10%	1330-20-7	601-022-00-9	NA
Lemon Chrome Pigment	<10%	1344-37-2	082-009-00-X	77603
Middle Chrome Pigment	<10%	1344-37-2	082-010-00-5	77600
Scarlett Chrome	<10%	12658-85-8		77605

R Phrases R11, 20/21, 33, 38, 61, 62, 65,66,67  
 S Phrases S1/2, 13,16, 36/37,43, 45, 51, 53

## 3. HAZARDS IDENTIFICATION

**SAPMA Health Rating** 1-Serious – Major injury likely unless prompt action taken and treatment given.  
**Highly Flammable** Eliminate all ignition sources  
**Harmful** Ensure sufficient ventilation, avoid inhalation of vapours. Avoid contact with skin or eyes.  
 Can affect CNS. Systemic poison.  
**Ingestion** Harmful if swallowed  
**Skin contact** *HARMFUL*. May be irritating, frequent skin contact may cause dermatitis. Excessive exposure to  
**Inhalation** this material must be avoided.  
**Eye contact** Exposure to high concentrates of vapor may cause nausea and giddiness.  
**Principle routes of exposure** Highly irritating and risk of irreversible damage.  
 Eyes.

## 4. FIRST AID MEASURE

**General** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.  
**Ingestion** Do not induce vomiting. Keep person warm and at rest. Seek medical advice immediately and show this Safety Data Sheet to the medical officer.  
**Skin** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.  
**Inhalation** Move to a safe area with fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by a trained person. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.  
**Eyes** Rinse thoroughly with potable water for at least 10 minutes.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Use foam, CO <sub>2</sub> , dry chemical powders and water mist. Do NOT use a high-pressure water jet.
<b>Recommendations:</b>	Decomposed products are a health hazard. Use appropriate breathing apparatus. Cool closed containers exposed to fire with water to prevent ignition.
<b>Special Hazards</b>	In case of fire, hazardous combustion-gasses are formed – CO <sub>2</sub> . It is highly flammable with toxic fumes. Vapour accumulation could flash and/or explode if ignited, potential for spontaneous combustion Under certain conditions of combustion traces of other toxic substances cannot be excluded. Flammable vapours may form explosive mixture with air. Static discharge hazard.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Surface may be slippery. Ventilate the area. Avoid breathing in vapours. Remove all sources of ignition e.g. flames, sparks, static electricity and heat.
<b>Spill:</b>	Contain and collect spillage with absorbent material. Dispose of according to local regulations. Do not allow spillage to enter sewerage drains or watercourses. Use inert material NOT sawdust.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep container tightly closed. Keep away from heat, sparks and flame. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. After handling the material, workers should wash hands and face before eating, drinking and smoking. Always comply with health and safety regulations. Avoid contact with skin and eyes.
<b>Storage:</b>	Store in original container. Observe label precautions. Store in a cool, well-ventilated approved Fire Store away from incompatible materials and ignition sources. Keep away from oxidizing agents, strong alkaline and acids. No smoking. Containers which have been opened must be carefully resealed and kept upright to prevent leakage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>SAPMA Rating</b>	1-H-E: Respirator and Eye protection.
<b>Inhalation</b>	In case of insufficient ventilation, use suitable respiratory protection. Work in conditions of adequate ventilation.
<b>Skin</b>	Observe the rules of hygiene. Wash before eating, drinking or smoking. Use barrier cream and gloves.
<b>Eyes</b>	Avoid direct contact. Never touch eyes with dirty hands or gloves. Use safety glasses.
<b>Ingestion</b>	Observe the rules of hygiene. Wash before eating, drinking or smoking OEL Type: Mixture – See tables in section 2

## 9. PHYSICAL AND CHEMICAL PROPERTIES

A dispersion of pigments and fillers in a solution of a modified alkyd resin in a blend of aromatic and aliphatic solvents, with additives.

<b>Appearance:</b>	Viscous liquid	<b>Odour:</b>	Pungent
<b>Density – Derived:</b>	0.94	<b>Water solubility:</b>	Miscible
<b>Flash point:</b>	<23°C (derived)	<b>Specific Gravity (g/ml)</b>	0.87 – 0.92 Depending on colour or combination
<b>Viscosity (KU) @ 25C°</b>	68 - 72	<b>Colour</b>	Yellow / Orange or combinations thereof.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage and handling conditions for a period of 6 months from date of manufacturing if stored correctly in original unopened container.
<b>Conditions to avoid:</b>	Ignition sources, flames, sparks, static and heat.
<b>Materials to Avoid:</b>	Oxidizing agents, strong alkaline or acidic materials.
<b>Hazardous decomposition products</b>	Toxic fumes may result

## 11. TOXICOLOGICAL INFORMATION

- No carcinogenic, mutagenic or genetic effects established.
- Frequent and prolonged skin contact may cause irritation and skin inflammation.
- Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea.
- In case of contact with the product, danger of absorption through the skin, irritation of the skin/mucous membranes.
- This product contains lead chrome pigments – see Para 2 compositions.

## 12. ECOLOGICAL INFORMATION

- There is no data available on the preparation itself.
- May have short term environmental effects.
- This material is toxic to fish and wildlife.
- Do not allow to enter drains or watercourses

## 13. DISPOSAL CONSIDERATIONS

**Disposal method** Do not allow to enter sewers. Dispose by controlled incineration or through local authority as for paint. Comply with relevant local laws.

## 14. TRANSPORT INFORMATION

Sin/UN Number 1263  
Shipping Name: Paint-related materials including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base, or paint related material including paint thinning, drying, removing, or reducing compound.  
Packaging Group: 111  
Class: 3

## 15. REGULATORY INFORMATION

**Classification** F, XN

**EC no.** N/A

R11 Highly Flammable.  
R20/21 Harmful by inhalation and contact with the skin.  
R33 Danger of cumulative effects  
R38 Irritating to the skin.  
R61 May cause harm to the unborn child  
R62 Possible risk of impaired fertility  
R65 Harmful- may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking  
R67 Vapours may cause drowsiness and dizziness

S1/S2 Keep locked up and out of the reach of children  
S13 Keep away from food, drink and animal foodstuffs  
S16 Keep away from sources of ignition - No smoking  
S36/37 Wear suitable protective clothing and gloves  
S43 Use only in well-ventilated areas  
S45 In case of fire use foam, CO<sub>2</sub>, dry chemical powders and water mist. Do NOT use a high-pressure water jet  
S51 Use only in well-ventilated areas  
S53 Avoid exposure - obtain special instructions before use

## 16. OTHER INFORMATION

This data is offered in good faith as typical values and are not as a product specification. No warranty, whether expressed or implied is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

C	=	Ceiling limit	NEGL	=	Negligible
EST	=	Estimated	NF	=	None found
NA	=	Not applicable	UNKN	=	Unknown
NE	=	None established	REC	=	Recommended
ND	=	None determined	V	=	Recommended by vendor
TS	=	Trade secret	SKN	=	Skin
R	=	Recommended	MST	=	Mist

**Alternative water based, lead free range of products available from Dura Paints. See [www.durapaints.co.za](http://www.durapaints.co.za) (Hydro Range)**

## END OF MSDS

**DISCLAIMER:** *All information is given in good faith, but without guarantee in respect of accuracy and no responsibility is accepted for errors or omissions or the consequences thereof. For the current version of this MSDS please download from the Dura Paints website at [www.durapaints.co.za](http://www.durapaints.co.za).*