

# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND COMPANY

### DURA QUARTZ SUB ZERO BASE & REACTOR

Tel: +44 (0) 1462 422 260  
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The Robex Group  
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Wilbury Way  
HITCHIN  
Hertfordshire  
United Kingdom  
SG4 0TY

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: **Base**  
Polyurethane with fillers, non-toxic diluent, colouring pigments.  
**Reactor**  
Polyisocyanate

## SECTION 3. HAZARDS IDENTIFICATION

Irritant.  
Irritating to eyes, respiratory system and skin.  
Harmful by inhalation.

## SECTION 4. FIRST AID MEASURES

Inhalation: Irritation to nose and respiratory tract, headaches, breathing difficulties.  
Swallowing: Irritation. Induce vomiting. Seek medical advice.  
Eyes: Irritation, burning sensation possible.  
Skin: Irritation, Reactor will cause tanning effect.

## SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media: Water mist, foam, sand, carbon dioxide, dry powder.  
Special procedures: Wear respirator with independent air supply.  
Unusual hazards: Sealed containers may explode, possible formation of carbon monoxide, nitrogenoxide, isocyanate vapour and traces hydrogen cyanide.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Method of clean-up: Do not allow into drains, cover remainders with wet absorbent material e.g. sand, dust. After one hour transfer waste container do not seal. Keep damp in a safe ventilated area for several days

## SECTION 7. HANDLING & STORAGE

Storage: Keep containers tightly closed and dry. Avoid extreme temperatures i.e. 50°C—0°C. Keep away from foodstuffs, etc.

## SECTION 8. PERSONAL PROTECTION

Inhalation: Work in well ventilated areas. In confined areas wear suitable respiratory or Air Fed Mask.  
Eyes: Wear suitable goggles  
Skin: Wear protective clothing and gloves of an impervious nature.

## SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Coloured thick liquid	<b>REACTOR</b>
Odour:	Faint, sweet	Dark brown liquid
Specific gravity:	1.5 kg/ltr	Earthy, musky
% Volatiles:	None	1.2 kg/ltr
Flash Point (Abel closed cup):	200°C	None
O.E.L. (8 hrs):	N/A	200°C
LD50 (Indications only):	6 gm/kg	N/A
		15 gm/kg

## SECTION 10. STABILITY AND REACTIVITY

Avoid extreme temperatures i.e. 50°C—0°C

## SECTION 11. TOXICOLOGICAL INFORMATION

Effect of inhalation: Irritation to nose and respiratory tract, headaches, breathing difficulties.  
Effect of ingestion: Irritation  
Effect of eye contact: Irritation, burning sensation possible.  
Effect of skin contact: Irritation, activator will cause tanning effect

## SECTION 12. ECOLOGICAL INFORMATION

Do not allow to enter drains, sewers or natural water courses.

## SECTION 13. DISPOSAL CONSIDERATIONS

May be incinerated in a suitable facility or disposal in special refuse dump. See deposit of Toxic Waste Act 1972.

## SECTION 14. TRANSPORT INFORMATION

UN: 1263  
Class: 3  
Packing Group: III  
Proper Shipping Name: Paint

## SECTION 15. REGULATORY INFORMATION

Risk phrases:  
R20 Harmful by inhalation  
R36/R38 Irritating to eyes  
R37 Irritating to respiratory system

**SECTION 16. OTHER INFORMATION**

The information contained in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. It does not constitute the user's own assessment of workplace risks are required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.

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