

QUALITY TECHNOLOGIES PRIVATE LIMITED

TECHNICAL DATA SHEET: **DIECOAT 06**

PRODUCT DESCRIPTION

DIECOAT 06 A is a special purpose die coating for use in ingot moulds. This liquid coating is formulated for use on cast iron moulds to improve the surface finish and reduce the soldering/sticking of the molten steel to the ingot surface. In some applications, **DIECOAT 06 A** is also used for coating Steel / Cast Iron chills used in Steel Castings.

DIECOAT 06 A is a silvery grey petroleum based liquid coating. **DIECOAT 06 B** is a pattern release paint.

HOW TO USE

The ingot mould has to be cleaned mechanically with the means of a wire brush/emery belt. After blowing out the residue by means of compressed air **DIECOAT 06 A** can directly be swabbed/sprayed in the ingot mould. It is advisable to maintain the mould at a temperature of around 150° C since this enables immediate bonding of the coating. The molten metal can be tapped there after. When used as a chill coating, the coating should be mixed and applied with a swab/brush on the cleaned rust free surface of the chill. **DIECOAT 06 B** should be brushed with a clean dry brush on the pattern

INDICATIVE SPECIFICATIONS

PROPERTY	RANGE	
PRODUCT NAME	DIECOAT 06 A	DIECOAT 06 B
Colour	Silvery grey	
Specific gravity	0.80 to 0.85	
PROPERTIES OF PAINT AFTER MIXING WITH WATER		
Flash point	90°	
Shelf Life	6 Months	6 Months

PACKING DETAILS

DIECOAT 06 is supplied in 30kg carboys. The product should be stored in a cool and dry place.

QUALITY TECHNOLOGIES PRIVATE LIMITED

MATERIAL SAFETY DATA SHEET: **DIECOAT 06**

1. **IDENTIFICATION OF PRODUCT :-**
Trade Name & Use : DIECOAT 06 A, DIECOAT 06 B – Petroleum Based Liquid Coating

Manufacturer / Supplier : QUALITY TECHNOLOGIES PVT. LTD.
No.34, Road No.1, IDA Mallapur, Nacharam P.O.,
Hyderabad – 500076. PH:040-27153888, 27155828
Fax: 040-27152567, email : info@qtecindia.com
Website:www.qtecindia.com
2. **INFORMATION ON COMPOSITION**
3. **HAZARDS IDENTIFICATION :-**
Flammability : Yes above 180°C.
Auto Ignition Temperature : No
Corrosive Material : No
Explosive Material : No
4. **FIRST AID :-**
At inhalation, ingestion and contact with skin : Rinse with plenty of soap and water and if suspect symptoms persist
Eye Contact : seek Medical advice.
5. **FIRE – FIGHTING MEASURES :-**
Fire : Use Carbon Dioxide Foam.
6. **ACCIDENTAL RELEASE MEASURES :-**
: Spillage should be swept away and washed away with soap water
wherever required.
7. **HANDLING STORAGE :-**
Handling & Storage precautions : Keep in a cool and dry place.
8. **EXPOSURE CONTROLS / PERSONAL PROTECTION :-**
Route of Entry : Skin
Effects of Exposure : Constant exposure and inhalation cause mild irritation to the nose,
eyes and skin. Wash the affected area with lot of soap water and
consult a doctor.
Personal protective equipment : Avoid direct contact with hands, use gloves wherever possible.
9. **PHYSICAL AND CHEMICAL PROPERTIES :-**
Appearance : Black colour.
Physical state : Oily paste
Odor : No specific odour
10. **STABILITY AND REACTIVITY:-**
Chemical Stability : Stable
Incompatibility with : No data available.
Other materials
Hazardous reaction product : No
11. **TOXICOLOGICAL INFORMATION :-**
On product : No data available
On Ingredients : No data available
12. **ECOLOGICAL INFORMATION :-**
On product : No data available
On Ingredients : No data available
13. **DISPOSAL CONSIDERATIONS :-**
Empty Carboys : Never use empty carboys for storing food stuffs or other
materials meant for human and animal consumption. Empty carboys
may be sold as scrap.
14. **TRANSPORT INFORMATION :-** : Non-dangerous product for transportation by road, sea, air.
15. **REGULATORY INFORMATION :-** : No data available
16. **OTHER INFORMATION :-** : No data available

DISCLAIMER: This information is furnished without warranty of any kind. It is based on our knowledge and is believed to be reliable. This information does not contain any assurance of technical properties or suitability for a specific application or results. We reserve the right to change specs. without prior notice as a natural consequence of our continuous efforts in product development and improvement.