

**Safety Data Sheet "In accordance with National By-law on
Compilation and Distribution of Safety Data Sheet (26.12.2008 -
No: 27092)"**

RENOL BLACK ATXD 24

Page 1 / 6

Substance key: 000000019666
Version : 1 - 4 / TR

Revision Date: 28.04.2010
Date of printing : 24.08.2010

1. Identification of the substance/preparation and company

Trade name

RENOL BLACK ATXD 24

Material number: NB9AAA12020

Use of the substance/preparation.

Industry sector : Plastic processing industry.
Type of use : Additive for plastic material processing

Identification of the company

Clariant (Türkiye) Boya ve Kimyevi Mad.
Sanayi ve Ticaret A.S.
Tahsin Tekoglu Cad. No: 1-3
34295 Sefaköy - Istanbul
Telephone no. : +90 212 592 2932

Information about the substance/preparation

BU Masterbatches
Product Safety

Emergency telephone number : 00800-5121 5121

2. Composition/information on ingredients

Chemical characterization

Colourant preparation
Carrier: PBT

3. Hazards identification

This mixture has not been tested 'as is'. The information provided on the health effects of this product is based on data on the individual components, following the calculation method given in the EU Dangerous Preparations Directive 1999/45/EC, as amended.

Classification of the mixture

No particular hazards known.

The relevant minimum standards for protective measures in the chemical industry should be observed.

4. First aid measures

General information

No special measures necessary.

**Safety Data Sheet "In accordance with National By-law on
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No: 27092)"**

RENOL BLACK ATXD 24

Page 2 / 6

Substance key: 000000019666
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After contact with skin

After contact with molten product cool quickly with cold water
Do not pull solidified product from skin
Take for medical treatment

After contact with eyes

Begin with medical treatment.
In case of contact with eyes remove the product and rinse thoroughly with water.

After ingestion

Do not induce vomiting.
Call in a physician immediately and show him the Safety Data Sheet.

5. Fire-fighting measures

Suitable extinguishing media

water spray jet
foam
carbon dioxide
dry powder

Extinguishing media that must not be used for safety reasons

Full water jet

Special hazards from the substance itself, its combustion products or from its vapours

In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for firefighting

Use self-contained breathing apparatus

6. Accidental release measures

Personal precautions

See: Exposure controls and personal protection.
High risk of slipping if leaked/spilled product is not cleaned up.

Environmental precautions

Do not allow to enter drains or waterways

Methods for cleaning up/taking up

When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

**Safety Data Sheet "In accordance with National By-law on
Compilation and Distribution of Safety Data Sheet (26.12.2008 -
No: 27092)"**

RENOL BLACK ATXD 24

Page 3 / 6

Substance key: 000000019666
Version : 1 - 4 / TR

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Date of printing : 24.08.2010

Advice on safe handling

Ensure good general ventilation in the workplace; local exhaust ventilation may be necessary, especially when emptying containers.

Advice on protection against fire and explosion

Take precautions against accumulation of electrostatic charge

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Protect from moisture.

Protect from direct sunlight

Advice on storage compatibility

Not required.

8. Exposure controls/personal protection

General protective measures

Observe precautions disposal of Directive 89/686/EEC and following amendments regarding individual protection equipment for handling materials in the chemistry industry.

Hygiene measures

The usual Industrial Hygiene precautions must be taken during work, in particular: do not drink, eat or smoke during the handling of the product and clean hands and face during work intervals and after work.

Respiratory protection :

In case of insufficient exhaust ventilation or prolonged exposure use respiratory protection equipment according to EEC-directive 89/686

Hand protection :

Leather gloves

Nitrile rubber gloves.

Minimum thickness (glove): valid statement not possible.

Minimum breakthrough time (glove): valid statement not possible.

These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection :

safety glasses

9. Physical and chemical properties

Form :

Granules

Colour :

black

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No: 27092)"**

RENOL BLACK ATXD 24

Page 4 / 6

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Odour :	characteristic
Melting point :	> 230 °C
Boiling point :	not applicable
Flash point :	Not applicable
Self-ignition temperature :	Not applicable
Vapour pressure :	Not applicable
Density :	approx. 1,42 g/cm ³ Value determined from data on raw material.
Solubility in water :	insoluble
pH value :	Not applicable
Octanol/water partition coefficient (log Pow) :	Not applicable
Viscosity (dynamic) :	Not applicable
Thermal conductivity :	not tested.
Specific resistance / electrical conductivity :	not tested.
Further information	
	Explosion hazard: Not an explosion hazard.

10. Stability and reactivity

Thermal decomposition :	To the best of our current knowledge, no thermal decomposition of the product is expected if it is processed according to good manufacturing practices.
Hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
Hazardous decomposition products	No decomposition if used as intended.
Conditions to avoid	Temperatures exceeding thermal stability of the masterbatch. Electrostatic charges.
Materials to avoid	not known

11. Toxicological information

**Safety Data Sheet "In accordance with National By-law on
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No: 27092)"**

RENOL BLACK ATXD 24

Page 5 / 6

Substance key: 000000019666
Version : 1 - 4 / TR

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Date of printing : 24.08.2010

Acute oral toxicity : LD50 > 2.000 mg/kg (rat)
The product has not been tested. The information is derived from the properties of the individual components.

Irritant effect on skin : non-irritant

Irritant effect on eyes : non-irritant

Sensitization : non-sensitizing

Remarks

Determined on raw material components in accordance with Directive 1999/45/EC.

12. Ecological information

Physico-chemical eliminability : The product can be separated out mechanically.

Remarks

Do not allow to enter ground water, waterways or waste water.

13. Disposal considerations

Product

Residual chemical should be subjected to waste management, using an approved waste disposal contractor, in compliance with EC regulations 91/156/EEC; 91/689/EEC; 94/62/EC and subsequent amendments

Uncleaned packaging

Contaminated packaging material should be treated equivalent to residual chemicals.
Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. Transport information

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

15. Regulatory information

**Safety Data Sheet "In accordance with National By-law on
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RENOL BLACK ATXD 24

Page 6 / 6

Substance key: 000000019666
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Labelling in accordance with EC-Directives

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

National regulations

Other regulations

All the ingredients of the preparation comply with the applicable requirements of the current REACH Regulation.

All ingredients of the product are registered in EINECS or ELINCS.

16. Other information

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.