

SAFETY DATA SCHEDULE

In accordance with (EC) regulation 1907/2006 and amendments made thereto by EU n.453/2010 and regulation EC 1272/2008.

Product: **TECNOLOGIC® 70 Medium Adhesive**

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Date of issue

25.05.2015

SECTION 1: Identification of the substance or mixture and company/enterprise

1.1 Product ID

Product name: TECNOLOGIC 70
Product code: 70_290192_0
Brand TECNOLOGIC 3
REACH: not available
CAS no.: not available

1.2 Relevant uses of the substance or mixture and inadvisable uses

Relevant uses identified: fixing adhesive

1.3 Information on the supplier of the safety data schedule

Company: **TECNOLOGIC 3 S.r.l.**
Via G. Parini 94/A, 20064 Gorgonzola, (MI) Italy
Phone no. for information:
Tel. +39 02 9510014 Fax+39 02 95300685
Email address: tecnologic3@tecnologic3.it

1.4 Emergency phone no.

In the event of emergencies, call +39 02 66101029 (Niguarda Ca' Granda Poisons Unit, Milan)

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Classification as per directive 1999/45/EC

Irritant for the eyes, respiratory system and skin. Skin contact may cause sensitisation.

2.2 Extracts from the label

Labelling

Pictogram

as per directive 1999/45/CE



Warning

Attention

Hazard warnings

H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes severe eye irritation
H335 May irritate the respiratory system

Precautionary statements

P273 Dispose of responsibly after use.
P280 Wear gloves.
P305 + P351 + P338 In the event of contact with the eyes, rinse thoroughly for several minutes. Remove any contact lenses if this can be done easily. Continue rinsing.

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P501 Dispose of the product and its container in an authorized waste disposal site.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Component 1:

Substance Deionised water
Formula: H₂O
Molecular weight: 18.02 g/mol
CAS no.: 7732-18-5
EC no.: 231-791-2
Concentration 30% - 60%

Component 2:

Substance Bisphenol A, ethoxylated dimethacrylate
Formula: C₂₁H₂₈O₆
Molecular weight: 376.4 g/mol
CAS no.: 41637-38-1
Concentration 20% - 40%

Component 3:

Substance Acrylic copolymer
Concentration 4% - 7%

Component 4:

Substance Ammonium benzoate
CAS no.: 1863-63-4
EC no.: 217-468-9
Formula C₇H₉NO₂ Molecular
weight 139.15 g/mol
Concentration 0.7% 0.9%

Component 5:

Substance Titanium dioxide
CAS no.: 13463-67-7
EC no.: 236-675-5
Formula TiO₂
Molecular weight 79.86 g/mol
Concentration 0.6% - 0.9%

Componente 6:

Substance Luconyl Blue 6900 Made by BASF
Concentration 0.05% - 0.1%

Component 7:

Substance Luconyl NG Yellow EH 0846 (1260) Made by BASF
Concentration 0,05% - 0,1%

Component 8:

Substance Ammonia 28%, ammonium hydroxide
CAS no.: 1336-21-6
EC no.: 215-647-6

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Formula **H₅NO**
Molecular weight **35.04 g/mol**
Concentration **0.2% - 0.5%**

Component 9:

Substance **Ammonium phosphate dibasic**
CAS no.: **7783-28-0**
EC no.: **231-987-8**
Formula **H₉N₂O₄P**
Molecular weight **132,05 g/mol**
Concentration **0,02% - 0,06%**

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Consult a doctor. Show this safety schedule to the doctor.

If inhaled

Move the victim into the fresh air.

In the event of skin contact

Wash thoroughly with soap and water. Consult a doctor.

In the event of eye contact

Rinse the eyes with water as a precaution. Consult a doctor.

If swallowed

Administer no products if the victim has fainted. Rinse out the mouth with water. Consult a doctor.

4.2 Main symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in sections 2.2 and/or 11.

4.3 Information on any need to consult a doctor immediately and adopt special treatments

No data available.

SECTION 5: Measures in the event of fire

5.1 Extinguishing systems

Suitable extinguishing systems

Use pulverised water spray, foam, dry chemical products or carbon dioxide.

5.2 Special hazards caused by the substance or mixture

May release carbon and nitrogen oxides in the event of combustion.

5.3 Recommendations for fire fighting personnel

Wear a personal respirator to put out the fire if necessary. Water jets may be used to cool closed containers.

SECTION 6: Measures in the event of accidental leakage

6.1 Personal precautions, protection equipment and emergency procedures

Use personal protection equipment. Ensure the area is suitably ventilated. Eliminate all sources of

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combustion. Evacuate personnel to safe areas. See section 8 for the personal protection equipment.

6.2 Environmental precautions

Avoid any additional spillage or leaks if it is possible to do so safely. Do not allow the product to enter drains.

6.3 Methods and materials for containment and clean-up

Brush and shovel. Use inert absorbent materials to contain the leaks. Place the leaked materials collected in a container in accordance with the local regulations (see section 13). Keep the product in suitable sealed containers for disposal purposes. Transfer the leaked materials to a container for waste in accordance with the local regulations (see section 13).

6.4 References to other sections

See sections 8 and 13.

SECTION 7: Handling and storage

7.1 Safe handling precautions

Avoid contact with the eyes and skin. Avoid releasing the product into the air. For the precautions, see section 2.2.

7.2 Safe storage conditions, including any incompatibility

Store in a cool place. Keep the container hermetically sealed.

7.3 Specific end uses

There are no specific uses other than those described in section 1.2.

SECTION 8: Exposure checks/personal protection

8.1 Checking parameters

Components with limits of exposure

No known limits of exposure.

8.2 Exposure checks

Handle in accordance with good industrial hygiene and safety practices. Wash your hands before taking a break and at the end of the working day.

Personal protection

Protection for the eyes and face

Safety glasses with side protection in accordance with the EN166 standard. Use eye protection equipment tested and approved to suitable technical standards, such as NIOSH (USA) or EN 166 (EU).

Protection for the skin

Wear gloves when handling. Check the gloves before using them. Wash and dry your hands. The protective gloves selected have to satisfy the requirements of the EU 89/686/EEC directive and the related EN 374 standards.

Full contact

Material: nitrile rubber

Minimum thickness: 0.11 mm

Penetration time: 480 min

Splash contact

Material: nitrile rubber

Minimum thickness: 0.11 mm

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Penetration time: 480 min

Physical protection

Protective garments with resistance to chemical substances. The type of protective equipment has to be selected on the basis of the concentration and quantity of hazardous substance in the workplace.

Respiratory protection

If the risk assessment specifies the need for purified air respirators, use a filtering face mask with type P3 (EN 143) filters as support for the technical measures.

Use respirators and components tested and approved by the standards bodies, such as NIOSH (USA) and CEN (UE).

Environmental exposure check

Avoid any additional spillage or leaks if it is possible to do so safely. Do not allow the product to enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on the fundamental physical and chemical properties

a) Appearance	Physical state: viscous blue liquid
b) Odour	No data available
c) Odour threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling interval	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Inflammability	No data available
j) Upper/lower limit of inflammability or explosion	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Solubility	No data available
o) Partition coefficient: n-octanol /water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidising properties	No data available

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity	No data available.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of dangerous reactions	No data available.
10.4 Conditions to be avoided	No data available.
10.5 Incompatible materials	No incompatible materials known.
10.6 Hazardous decomposition products	Carbon and nitrogen oxide.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

a) Acute toxicity	No data available
b) Skin irritation	No data available
c) Corrosive effects	No data available
d) Sensitisation	No data available
e) Toxicity under repeated dosage	No data available
f) Carcinogenic properties	No data available
g) Mutagenic effects	No data available
h) Reproductive toxicity	No data available

To the best of our knowledge, no in-depth studies have been carried out on the chemical, physical and toxicological properties.

SECTION 12: Ecological information

12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bio-accumulation potential	No data available
12.4 Mobility in the soil	No data available
12.5 Results of the PBT and vPvB assessment	No data available
12.6 Other adverse effects	No data available

SECTION 13: Disposal information

13.1 Waste treatment methods

Product

Burn in an incinerator for chemical products fitted with a post-combustion system and reducer. Adopt great caution upon ignition, as this product is extremely inflammable. Transfer the non-recyclable solutions and excess quantities to an authorised waste disposal company.

Contaminated containers

Dispose of as unused products.

SECTION 14. Transport information

Classification for road and rail transport (ADR/RID):

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14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN shipping name

ADR/RID: Non-hazardous goods
IMDG: Non-hazardous goods
IATA: Non-hazardous goods

14.3 Hazard classes linked to transport

ADR/RID: - IMDG: - IATA: -

14.4 Environmental hazards

ADR/RID: no IMDG: Marine Pollutant: no IATA: no

14.5 Special precautions for users

No data available

14.6 Bulk transport

No data available

SECTION 15: Regulatory information

This safety schedule is in accordance with the terms of (EC) regulation 1907/2006.

15.1 Regulations or legislation on health, safety and the environment specific to the substance or mixture

No data available.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out on this product.

SECTION 16: Other information**Additional information**

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