



# IDEAL WORK

## RAINBOW-COLOR

Revision nr. 3

Dated 06/04/2016

Printed on November 20, 2018

Page n. 1/6

## Safety Data Sheet

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: RAINBOW-COLOR  
Product name

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Acrylic paste for Ideal Wall and Ideal Tix

#### 1.3 Details of the supplier of the safety data sheet

Company name IDEAL WORK SRL  
Address Via Kennedy, 52  
Place and country 31030 Vallà di Riese Pio X (TV)  
Italy  
tel. +39 0423 /4535  
fax +39 0423 /748429

e-mail address for a competent person,  
responsible for the safety data sheet

[sicurezza@idealwork.it](mailto:sicurezza@idealwork.it)

#### 1.4 Emergency telephone number

For information in an emergency

Poison center:  
National Poisons Information Service (Birmingham  
Unit) City Hospital  
Dudley Rd Birmingham  
Telephone: +44 121 507 4123  
Fax: +44 121 507 55 88  
Emergency telephone: 844 892 0111

### SECTION 2. Hazards identification.

#### 2.1. Substance or mixture classification.

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP).  
The product, however, containing hazardous substances in concentrations such as to be declared in section 3, requires a safety data sheet with adequate information, in accordance with Regulation (EC) 1907/2006 and subsequent amendments. Hazard classification and indications: -

#### 2.2. Elements of the label.

Danger labeling according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms: -

Warnings: --

Indications of danger:

EUH210 Safety data sheet available on request.

Precautionary statements: -

#### 2.3. Other dangers.

Based on the available data, the product does not contain PBT or vPvB substances in percentages greater than 0.1%.

### SECTION 3. Composition/information on ingredients.

#### 3.1. Substances.

Information not applicable.

#### 3.2. Mixtures.

It Contains:

Identification. Conc.%. Classification 1272/2008 (CLP).

TRIETHANOLAMMINE

CAS. 102-71-6 1 - 1.5 Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335

THERE IS. 203-049-8

INDEX.

Note: Upper value of the excluded range.

The full text of the hazard statements (H) is given in section 16 of the sheet



# IDEAL WORK

## RAINBOW-COLOR

Revision nr. 3

Dated 06/04/2016

Printed on November 20, 2018

Page n. 2/6

### SECTION 4. First aid measures.

#### 4.1. Description of first aid measures.

**EYES:** Remove any contact lenses. Wash immediately and abundantly with water for at least 15 minutes, opening the eyelids well. Consult a doctor if the problem persists.

**SKIN:** Remove contaminated clothing from behind. Wash immediately and abundantly with water. If irritation persists, consult a doctor. Wash the contaminated garments before reusing them.

**INHALATION:** Bring the subject to the open air. If breathing is difficult, call a doctor immediately.

**INGESTION:** Consult a doctor immediately. Induce vomiting only as directed by your doctor. Do not give anything by mouth if the subject is unconscious and if not authorized by the doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed.

For symptoms and effects due to the contained substances, see chap. 11.

#### 4.3. Indication of the need to immediately consult a doctor and special treatments. Information not available.

### SECTION 5. Firefighting measures.

#### 5.1. Fire fighting

##### SUITABLE EXTINGUISHING MEANS

The means of extinction are the traditional ones: carbon dioxide, foam, dust and nebulized water. UNSUITABLE EXTINGUISHING MEDIA

No one in particular.

#### 5.2. Special hazards arising from the substance or mixture.

##### HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

#### 5.3. Recommendations for firefighters. GENERAL INFORMATIONS

Cool the containers with jets of water to avoid the decomposition of the product and the development of substances potentially dangerous for health.

Always wear full fire protection equipment. Collect the extinguishing waters that must not be discharged into the drains. Dispose of contaminated water used for extinction and fire residue according to current regulations.

##### EQUIPMENT

Normal fire fighting clothing, such as open circuit compressed air breathing apparatus (EN 137), flame retardant (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

### SECTION 6. Accidental release measures.

#### 6.1. Personal precautions, protective equipment and procedures in case of emergency.

Block the loss if there is no danger. Wear appropriate protective equipment (including personal protective equipment referred to in Section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for workers to work and for emergency interventions.

#### 6.2. Environmental precautions.

Prevent the product from entering sewers, surface water or groundwater.

#### 6.3. Methods and materials for containment and remediation.

Aspirate the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material.

Provide sufficient ventilation of the place affected by the leak. Check for possible incompatibilities for the container material in section 7. Disposal of contaminated material must be carried out in accordance with the provisions of point 13.

#### 6.4. Reference to other sections.

Any information regarding personal protection and disposal is given in sections 8 and 13.

### SECTION 7. Handling and storage.

#### 7.1. Precautions for Safe Handling.

Manipulate the product after having consulted all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before accessing the areas where you eat.

#### 7.2. Conditions for safe storage, including any incompatibilities.

Keep only in the original container. Store closed containers in a well-ventilated area away from direct sunlight. Keep containers away from incompatible materials, checking section 10.

#### 7.3. Specific end uses.

Information not available.



# IDEAL WORK

## RAINBOW-COLOR

Revision nr. 3  
Dated 06/04/2016  
Printed on November 20, 2018  
Page n. 3/6

### SECTION 8. Exposure controls/personal protection.

#### 8.1. Parametri di controllo.

Normative requirements:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
GBR	United Kingdom	EH40/2005 Workplace exposure limits
	TLV-ACGIH	ACGIH 2014

#### PROPYLENE GLYCOL

##### Threshold limit value.

Type	State	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
WEL	GBR	474	150		

#### TRIETHANOLAMMINE

##### Threshold limit value.

Type	State	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
MAK	DEU	5		20		INALAB.
TLV-ACGIH		5				

Legend:

((C) = CEILING; INALAB = Inhalable fraction; RESPIR = Breathable fraction; TORAC = Thoracic fraction.

TLV of the solvent mixture: 1 mg / m3.

#### 8.2. Exposure controls.

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local aspiration.

##### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following must be considered for the final choice of the work glove material: compatibility, degradation, break time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as unpredictable. The gloves have a wear time that depends on the duration and the mode of use.

##### SKIN PROTECTION

Wear work clothes with long sleeves and safety footwear for professional use of category I (see Directive 89/686 / EEC and EN ISO 20344). Wash with soap and water after removing protective clothing.

##### PROTECTION OF EYES

It is advisable to wear tightly fitting goggles (see standard EN 166).

##### RESPIRATORY PROTECTION

If the threshold value (eg TLV-TWA) of the substance or one or more of the substances present in the product is exceeded, it is advisable to wear a mask with type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (Ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.

The use of respiratory protective equipment is necessary if the technical measures adopted are not sufficient to limit the worker's exposure to the threshold values taken into consideration. However, the protection offered by the masks is limited.

In the event that the substance considered is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open circuit compressed air breathing apparatus (see standard EN 137) or a breathing apparatus outdoor air (see standard EN 138). For the correct choice of the respiratory protection device, refer to the EN 529 standard.

##### CONTROLS OF ENVIRONMENTAL EXPOSURE.

Emissions from production processes, including those from ventilation equipment, should be monitored for compliance with environmental protection legislation.

### SECTION 9. Physical and chemical properties.

#### 9.1. Information on basic physical and chemical properties.

Appearance	Dense paste
Color:	Various
Odor	None
Olfactory threshold	Not available
pH	8.6
Melting or freezing point	Not available



# IDEAL WORK

## RAINBOW-COLOR

Revision nr. 3

Dated 06/04/2016

Printed on November 20, 2018

Page n. 4/6

Initial boiling point	Not available
Boiling range	Not available
Flash point	> 60 ° C
Evaporation rate	Not available
Flammability of solids and gases	Not available
Lower flammability limit	Not available
Upper flammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapor pressure	Not available
Vapor density	> 1
Relative density	1,200 Kg / l
Solubility	Water soluble
Partition coefficient: n-octanol / water:	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information.

Dry leftover. 48.90%

VOC (Directive 2010/75 / EC): 7.63% - 91.56 g / liter.

VOC (volatile carbon) 3.62% - 43.42 g / liter.

## SECTION 10. Stability and reactivity.

### 10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability.

The product is stable under normal conditions of use and storage.

### 10.3. Possibility of dangerous reactions.

Unusual reactions are not expected under normal use and storage conditions.

### 10.4. Conditions to avoid.

None in particular. However, follow the usual precautions with regard to chemicals.

### 10.5. Incompatible materials.

Information not available.

### 10.6. Hazardous decomposition products.

Information not available.

## SECTION 11. Toxicological information.

### 11.1. Information on toxicological effects.

In the absence of experimental toxicological data on the product itself, the possible dangers of the product for health have been evaluated on the basis of the properties of the substances contained, according to the criteria provided for by the reference standard for classification.

Consider therefore the concentration of the individual hazardous substances mentioned in section 3, to evaluate the toxicological effects deriving from exposure to the product.

TRIETHANOLAMMINE

LD50 (Oral). 4190 mg / kg Rat

LD50 (Cutaneous). > 2000 mg / kg rabbit

## SECTION 12. Ecological information.

Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached watercourses or has contaminated the soil or vegetation.

### 12.1. Toxicity.

Information not available.

### 12.2. Persistence and degradability.

TRIETHANOLAMMINE

Solubility in water. > 1000000 mg / l

Quickly Biodegradable.



# IDEAL WORK

## RAINBOW-COLOR

Revision nr. 3

Dated 06/04/2016

Printed on November 20, 2018

Page n. 5/6

### 12.3. Bioaccumulative potential.

TRIETHANOLAMMINE

Partition coefficient: n-octanol / water. -1.75

BCF. <3.9

### 12.4. Mobility in the soil.

TRIETHANOLAMMINE

Partition coefficient: soil / water. 1

### 12.5. Results of the PBT and vPvB assessment.

Based on the available data, the product does not contain PBT or vPvB substances in percentages greater than 0.1%.

### 12.6. Other adverse effects.

Information not available.

## SECTION 13. Disposal considerations.

### 13.1. Waste treatment methods.

Reuse, if possible. The residues of the product as such are to be considered non-hazardous special waste.

Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in accordance with national waste management regulations.

## SECTION 14. Transport information.

### 14.1. UN number.

Not applicable.

### 14.2. UN shipping name.

Not applicable.

### 14.3. Danger classes related to transport.

Not applicable.

### 14.4. Packing group.

Not applicable.

### 14.5. Dangers for the environment.

Not applicable.

### 14.6. Special precautions for users.

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Information not applicable.

## SECTION 15. Regulatory information.

### 15.1. Safety, health and environmental regulations and legislation specific to the substance or mixture.

Seveso category. None.

Restrictions related to the product or to the substances contained according to Annex XVII Regulation (EC) 1907/2006. None.

Substances in Candidate List (Article 59 REACH). None.

Substances subject to authorization (Annex XIV REACH). None.

Substances subject to export notification obligation Reg. (EC) 649/2012: None.

Substances subject to the Rotterdam Convention: None.

Substances subject to the Stockholm Convention: None.

Sanitary checks.

Information not available.

D.Lgs. 152/2006 and subsequent amendments.

Emissions according to Part V Annex I:

TAB. D Class 3 07.71%



# IDEAL WORK

## RAINBOW-COLOR

Revision nr. 3

Dated 06/04/2016

Printed on November 20, 2018

Page n. 6/6

### 15.2. Evaluation of chemical safety.

No chemical safety assessment has been made for the mixture and the substances it contains

## SECTION 16. Other information.

Text of the hazard (H) indications mentioned in section 2-3 of the sheet:

Eye Irrit. 2 Eye irritation, category 2

Skin Irrit. 2 Skin irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3 H319 Causes serious eye irritation.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

EUH210 Safety data sheet available on request.

### LEGEND:

- ADR: European Agreement for the transport of dangerous goods by road
- CAS NUMBER: Chemical Abstract Service number
- EC50: Concentration that gives effect to 50% of the population subjected to tests
- CE NUMBER: ID number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived level without effect
- EmS: Emergency Schedule
- GHS: Global harmonized system for the classification and labeling of chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subjected to tests
- IMDG: International Maritime Code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predictable concentration without effects
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- TLV: Threshold limit value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulant according to REACH- WGK: Aquatic Hazard Class (Germany).

### GENERAL BIBLIOGRAPHY:

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
  2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
  3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
  4. Regulation (EU) 2015/830 of the European Parliament
  5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
  6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
  7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
  8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
  9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - ECHA Agency Website

### Note to the user:

The information contained in this sheet is based on the knowledge available from us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be interpreted as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force concerning hygiene and safety under his own responsibility. We do not take responsibility for improper use.

Provide adequate training for personnel involved in the use of chemical products.

Changes from the previous revision.

Changes have been made to the following sections: 02/08.