

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product identifier. T070
Product name. T070
UFI No Information

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

Recommended Use. Pigment
Uses advised against. No information available

1.3. Details of the supplier of the safety data sheet

Supplier. Radiant Color NV
Europark 1046
3530 Houthalen, Belgium
+ 32 11 520740
Email: info@radiantcolor.be

1.4. Emergency telephone number Chemtrec: +1-800-424-9300 USA
Chemtrec: +1 703-527-3887 ex-USA

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI): +358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790 | par Poison Center Nord: +49 551 19240
(24h available English / German)
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland +354 543 2222
Italy Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg 112
Netherlands National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)
Norway Poisons Information (NO): + 47 22 591300
Portugal Poison Information Center (PT): +351 800 250 250
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV): +46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111 / 0300 020 0155

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Allergic effects

2.2. Label elements**Signal Word**

None

Hazardous ingredients which must be listed on the label

Contains

Not Applicable

Possible Hazards

- 4.2% of the mixture consists of ingredient(s) of unknown toxicity
 3.1% of the mixture consists of ingredient(s) of unknown acute oral toxicity
 4.2% of the mixture consists of ingredient(s) of unknown acute dermal toxicity
 4.2% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

EUH208 Contains Formaldehyde. May produce an allergic reaction.

2.3. Other hazards

EMERGENCY OVERVIEW: No hazards to be specially mentioned.

SECTION 3: Composition/information on ingredients**3.1. Substances**

This product is a mixture. Health hazard information is based on its components.

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
Talc	14807-96-6	238-877-9	No Information	>=1 - <5
4-METHYL-7-(DIETHYLAMINO) COURMARIN	91-44-1	202-068-9	No Information	>=0.5 - <1.5
Formaldehyde	50-00-0	200-001-8	No Information	<0.1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
Talc	Not classified	ATE inhalation - vapor (mg/l/4h): N.R.
4-METHYL-7-(DIETHYLAMINO) COURMARIN	Aquatic Chronic 2 (H411)	ATE oral (mg/kg): 5000 mg/kg Rat
Formaldehyde	Acute Tox. 3 Oral (H301) Acute Tox. 3 Dermal (H311) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Acute Tox. 3 Inhalation (H331) STOT SE 3 RTI (H335) Muta. 2 (H341) Carc. 1B (H350)	Eye Irrit. 2; H319: 5%<=C<25% Skin Corr. 1B; H314: C>=25% Skin Irrit. 2; H315: 5%<=C<25% Skin Sens. 1; H317: C>=0.2% STOT SE 3; H335: C>=5% ATE oral (mg/kg): 100 mg/kg Rat ATE dermal (mg/kg): 300 mg/kg Rat ATE inhalation - vapor (mg/l/4h): 3 ATE inhalation - dust/mist (mg/l/4h): 0.51

For the full text of the H-Statements mentioned in this Section, see Section 16

SECTION 4: First aid measures**4.1. Description of first aid measures****General advice.**

Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice. Use personal protective equipment. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin. See section 8 for more information.

Inhalation.

Remove from exposure, lie down. Keep victim warm and quiet. If unconscious place in recovery position and seek medical advice. Artificial respiration and/or oxygen may be necessary. Administer oxygen if breathing is difficult. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a doctor immediately if allergic signs, particularly in the respiratory tract, are observed.

Skin contact.

Allergic symptoms may develop within 12 hours after exposure. In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Thoroughly clean shoes before reuse.

Eye contact.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. May produce an allergic reaction. Do not rub affected area. Call a physician if irritation develops or persists.

Ingestion.

Rinse mouth. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice. Allergic symptoms may develop within 12 hours after exposure.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms.**

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Hives. Itching. Rashes. May cause allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed**Notes to physician.**

Treat symptomatically. May cause sensitization of susceptible persons. Effects of contact or inhalation may be delayed.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media.**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons.

None.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.
Refer to protective measures listed in sections 7 and 8.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions.**

Evacuate personnel to safe areas. Use personal protective equipment. Keep people away from and upwind of spill/leak. Do not breathe dust.

Advice for emergency responders.

Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system.

6.3. Methods and material for containment and cleaning up**Methods for Containment.**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up.

Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

Other information.

Use personal protective equipment as required.

6.4. Reference to other sections

See Section 8, 13 for additional information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling.

Remove and wash contaminated clothing before re-use. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Do not breathe dust. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Keep container closed when not in use.

Hygiene measures.

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions.

Keep in properly labeled containers. Keep out of the reach of children. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3. Specific end use(s)

Specific use(s).

SU6b - Manufacture of pulp, paper and paper products
 SU6a - Manufacture of wood and wood products
 SU 10 - Formulation
 SU11 - Manufacture of rubber products.
 SU12 - Manufacture of plastics products, including compounding and conversion.
 SU13 - Manufacture of other non-metallic mineral products, e.g. plasters, cement.
 PC1 - Adhesives, sealants.
 PC5 - Artists Supply and Hobby mixtures.
 PC9 - Coatings and Paints, Fillers, Putties, Thinners.
 PC18 - Ink and toners
 PC26 - Paper and board dye, finishing and impregnation products: including bleaches and other processing aids.
 PC32 - Polymer preparations and compounds.
 PC34 - Textile dyes, finishing and impregnating products; including bleaches and other processing aids.
 PROC1 - Use in closed process, no likelihood of exposure
 PROC2 - Use in closed, continuous process with occasional controlled exposure
 PROC3 - Use in closed batch process (synthesis or formulation)
 PROC5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/ or significant contact)
 PROC6 - Calendering operations.
 PROC7 - Industrial spraying.
 PROC10 - Roller application or brushing.
 AC 5-1 - Fabrics, textiles and apparel: bedding and clothing.
 AC 5-2 - Fabrics, textiles and apparel: curtains, upholstery, carpeting/flooring, rugs.
 AC 7-2 - Metal products: toys.
 AC 8-2 - Paper products: newspaper, packaging
 AC 10-3 - Rubber products: footwear.
 AC 10-4 - Rubber products: toys.
 AC 10-5 - Other general rubber products.
 AC 13-1 - Commercial/consumer plastic products like disposable dinner ware, food storage, food packaging, baby bottles.
 AC 13-3 - Plastic products: Toys.
 ERC2 - Formulation of preparations
 ERC3 - Formulation in materials.
 ERC5 - Industrial use resulting in inclusion into or onto a matrix.
 ERC8c - Wide dispersive indoor use resulting in inclusion into or onto a matrix.
 ERC11a - Wide dispersive indoor use of long-life articles and materials with low release

Exposure scenario.

No Information Available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limit Values**

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
Talc 14807-96-6	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 0.003 fiber/cm ³	N.D.	TWA: 0.5 fiber/cm ³ TWA: 2 mg/m ³ TWA: 1 mg/m ³	N.D.
4-METHYL-7-(DIETHYLAMINO)COURMARIN 91-44-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Formaldehyde 50-00-0	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	N.D.	N.D.	STEL: 0.74 mg/m ³ STEL: 0.6 ppm TWA: 0.37 mg/m ³ TWA: 0.3 ppm	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.5 ppm TWA: 0.3 ppm TWA: 0.37 mg/m ³ TWA: 0.62 mg/m ³
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
Talc 14807-96-6	N.D.	N.D.	STEL: 30 mg/m ³ STEL: 2.4 mg/m ³ TWA: 10 mg/m ³ TWA: 0.8 mg/m ³	N.D.	N.D.	TWA: 0.25 mg/m ³
4-METHYL-7-(DIETHYLAMINO)COURMARIN 91-44-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Formaldehyde 50-00-0	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	STEL: 0.6 ppm STEL: 0.738 mg/m ³ STEL: 0.62 mg/m ³ TWA: 0.3 ppm TWA: 0.5 ppm TWA: 0.37 mg/m ³ TWA: 0.62 mg/m ³	STEL: 0.74 mg/m ³ STEL: 0.6 mg/m ³ TWA: 0.37 mg/m ³ TWA: 0.3 ppm TWA: 0.62 mg/m ³ TWA: 0.5 ppm	N.D.	STEL: 0.5 mg/m ³ TWA: 0.15 mg/m ³
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
Talc 14807-96-6	STEL: 12 mg/m ³ STEL: 4 mg/m ³ TWA: 6 mg/m ³ TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 3 mg/m ³	STEL: 3 mg/m ³ TWA: 1 mg/m ³
4-METHYL-7-(DIETHYLAMINO)COURMARIN 91-44-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Formaldehyde 50-00-0	STEL: 0.74 mg/m ³ STEL: 0.6 ppm TWA: 0.37 mg/m ³ TWA: 0.3 ppm	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³ TWA: 0.62 mg/m ³ TWA: 0.5 ppm	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	STEL: 0.6 ppm STEL: 0.74 mg/m ³ TWA: 0.3 ppm TWA: 0.37 mg/m ³	STEL: 2 ppm STEL: 2.5 mg/m ³ TWA: 2 ppm TWA: 2.5 mg/m ³

TWA: Time weighted average

STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (PNEC)

No Information Available

8.2. Exposure controls**Engineering Measures.**

Ensure adequate ventilation, especially in confined areas. Provide appropriate exhaust ventilation at places where dust is formed. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment.**Eye/Face Protection.**

No special protective equipment required.

Skin and body protection.

Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Follow the skin protection plan. Wear suitable protective clothing.

The selected protective gloves have to satisfy the specifications of EU Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Respiratory protection.

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Breathing apparatus with filter. Respirator with a vapor filter (EN 141).

Environmental Exposure Controls.

No Information

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Solid
Appearance	Powder
Colour	UV Blue
Odour	Characteristic
Odour Threshold	No Information
pH	No Information
Melting Point, °C	No Information
Flash Point, °C	Not Applicable
Boiling Range, °C	Not Applicable
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm³)	1.400
Solubility in water	No Information
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information
Viscosity	No Information

9.2. Other information

Volatile organic compounds (VOC) content. No Information

9.2.1. Information with regard to physical hazard classes

No Information

9.2.2. Other safety characteristics

No Information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

To avoid thermal decomposition, do not overheat.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity.

Based on available data, the classification criteria are not met.

Product Information

The product itself has not been tested

Data on individual components are tabulated below

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) N.R.

ATEmix (dermal) N.R.

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
14807-96-6	Talc	N.R.	N.R.	N.R.
91-44-1	4-METHYL-7-(DIETHYLAMINO) COURMARIN	5000 mg/kg Rat	N.R.	N.R.
50-00-0	Formaldehyde	100 mg/kg Rat	300 mg/kg Rat	3

Skin corrosion/irritation.

May cause allergic skin reaction.

Eye damage/irritation.

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity.

Based on available data, the classification criteria are not met.

Carcinogenicity.

Based on available data, the classification criteria are not met.

Reproductive toxicity.

Based on available data, the classification criteria are not met.

Specific target organ systemic toxicity (single exposure).

Based on available data, the classification criteria are not met.

Specific target organ systemic toxicity (repeated exposure).

Based on available data, the classification criteria are not met.

Aspiration hazard.

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

N.A.

Other information.

N.A.

SECTION 12: Ecological information

12.1. Toxicity

1.10% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
Talc 14807-96-6	N.D.	LC50 96 h Brachydanio rerio >100 g/L	N.D.
4-METHYL-7-(DIETHYLAMINO) COURMARIN 91-44-1	N.D.	N.D.	N.D.
Formaldehyde 50-00-0	N.D.	LC50 96 h Pimephales promelas 22.6 - 25.7 mg/L, LC50 96 h Lepomis macrochirus 1510 µg/L, LC50 96 h Brachydanio rerio 41 mg/ L, LC50 96 h Oncorhynchus mykiss 0.032 - 0.226 mL/L, LC50 96 h Oncorhynchus mykiss 100 - 136 mg/L, LC50 96 h Pimephales promelas 23.2 - 29.7 mg/L	LC50 48 h Daphnia magna 2 mg/L, EC50 48 h Daphnia magna 11.3 - 18 mg/L

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

No Information

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
14807-96-6	Talc	N.I.	N.I.
91-44-1	4-METHYL-7-(DIETHYLAMINO) COURMARIN	N.I.	2.8, 2.523
50-00-0	Formaldehyde	N.I.	0.35

12.4. Mobility in soil

Mobility in soil.

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to an approved waste disposal plant.

Contaminated packaging.

Do not re-use empty containers.

Other information.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information

ADR

14.1. UN number or ID number

	No Information
14.2. UN proper shipping name	No Information
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

IMDG

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	No Information
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	No Information
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	No Information
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**National regulatory information.**

Germany WGK Classification 2

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
14807-96-6	Talc	RG 25
50-00-0	Formaldehyde	RG 43

European Union.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
50-00-0	Formaldehyde	No.	Yes.

EU Substances of Very High Concern

None

International Inventories: available on request.**15.2. Chemical safety assessment**

No.

SECTION 16: Other information**Revision Date** 9/2/2022

Indication of changes: Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

