



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: #RC290 Covercoat for Fluorescents Lacquer Spray

Use category: Paint

Supplier: The Testor Corporation
440 Blackhawk Park Ave.
Rockford, IL 61104-5140

Emergency telephone: (815) 962-6654

Contact person: EH&S Manager

E-mail address: ehs@testors.com

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Revision Note: 1

2. HAZARDS IDENTIFICATION

Classification: F+;Xn;
R12;R52/53;R65;

Most important hazards:

Extremely flammable.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	EC-No.	Weight %	Classification
Solvent naphtha (petroleum), light aliph.	64742-89-8	2651922	20 - 30	M2 R46, Xn R65
Paraffin	8002-74-2	2323156	< 1	
Ethylbenzene	100-41-4	2028494	< 1	F R11, Xn R20
Ethanol	64-17-5	2005786	< 0.1	F R11
Cobalt Carboxylate	61789-51-3	2630640	< 0.1	
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	2388784	< 0.1	
2-methylpropan-2-ol	75-65-0	2008897	< 0.1	F R11, Xn R20
Toluene	108-88-3	2036259	< 0.1	R67, F R11, RE3 R63, Xi R38, Xn R48/20-R65
Ethyl acetate	141-78-6	2055004	< 0.1	R66, R67, F R11, Xi R36
2-(2-methoxyethoxy)ethanol	111-77-3	2039066	< 0.1	RE3 R63
Cobalt neodecanoate	27253-31-2	2483730	< 0.1	
Titanium dioxide	13463-67-7	2366755	10 - 20	
Benzene	71-43-2	2007537	< 0.1	C1 R45, F R11, M2 R46, T R48/23/24/25, Xi R36/38, Xn R65
4-methylpentan-2-one	108-10-1	2035501	< 0.1	R66, F R11, Xi R36/37, Xn R20
Stoddard solvent	8052-41-3	2324893	1 - 10	N R51/53, Xn R65, Xn R66
Acetone	67-64-1	2006622	1 - 10	R66, R67, F R11, Xi R36
Propan-2-ol	67-63-0	2006617	1 - 10	R67, F R11, Xi R36
Amorphous silica	7631-86-9	2315454	1 - 10	
Tert-butyl acetate	540-88-5	2087607	1 - 10	R66, F R11
4-hydroxy-4-methylpentan-2-one	123-42-2	2046267	1 - 10	Xi R36
Xylene	1330-20-7	2155357	< 1	R10, Xi R38, Xn R20/21

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. 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.

Inhalation:

Immediate medical attention is required. Move to fresh air. Do not leave the victim unattended.

Eye contact:

Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Use a mild soap if available. If skin irritation persists, call a physician.

Ingestion:

Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Drink water. Call physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water mist , Carbon dioxide (CO2) , Dry powder , Foam

Extinguishing media which shall not be used for safety reasons:

High volume water jet

Specific hazards:

Vapours may form explosive mixtures with air. Hazardous decomposition products formed under fire conditions. Flash back possible over considerable distance. Risk of receptacle bursting.

Protective equipment and precautions for firefighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Remove all sources of ignition.

Further information:

Keep containers and surroundings cool with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Electrical equipment should be protected to the appropriate standard.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

Allow to evaporate.

7. HANDLING AND STORAGE

Handling:

Technical measures/Precautions:

Use only in area provided with appropriate exhaust ventilation. Use only explosion-proof equipment. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Do not spray on a naked flame or any other incandescent material.

Safe handling advice:

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Keep away from sources of ignition - No smoking. P242 - Use only non-sparking tools. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Storage:

Technical measures/Storage conditions:

Keep locked up or in an area accessible only to qualified or authorised persons. Keep in an area equipped with solvent resistant flooring. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls

Engineering measures:

Ensure adequate ventilation, especially in confined areas.

Exposure Limit Values:

100-41-4	Ethylbenzene	441 mg/m3 [United Kingdom] 8hr TWA
27253-31-2	Cobalt neodeconoate	0.1 mg/m3 [United Kingdom] 8hr TWA
540-88-5	Tert-butyl acetate	966 mg/m3 [United Kingdom] 8hr TWA
61789-51-3	Cobalt Carboxylate	0.1 mg/m3 [United Kingdom] 8hr TWA
64-17-5	Ethanol	1920 mg/m3 [United Kingdom] 8hr TWA
67-63-0	Propan-2-ol	999 mg/m3 [United Kingdom] 8hr TWA
67-64-1	Acetone	1210 mg/m3 [United Kingdom] 8hr TWA
71-43-2	Benzene	1 ppm [United Kingdom] 8hr TWA
75-65-0	2-methylpropan-2-ol	308 mg/m3 [United Kingdom] 8hr TWA
7631-86-9	Amorphous silica	2.4 mg/m3 [United Kingdom] 8hr TWA
8002-74-2	Paraffin	2 mg/m3 [United Kingdom] 8hr TWA
108-10-1	4-methylpentan-2-one	208 mg/m3 [United Kingdom] 8hr TWA
108-88-3	Toluene	191 mg/m3 [United Kingdom] 8hr TWA
111-77-3	2-(2-methoxyethoxy)ethanol	50.1 mg/m3 [United Kingdom] 8hr TWA
123-42-2	4-hydroxy-4-methylpentan-2-one	241 mg/m3 [United Kingdom] 8hr TWA
1330-20-7	Xylene	220 mg/m3 [United Kingdom] 8hr TWA
13463-67-7	Titanium dioxide	4 mg/m3 [United Kingdom] 8hr TWA
141-78-6	Ethyl acetate	200 ppm [United Kingdom] 8hr TWA
14808-60-7	Crystalline Silica (Quartz)/ Silica Sand	0.1 mg/m3 [United Kingdom] 8hr TWA

Personal protective equipment

Respiratory protection:

Respirator with a vapour filter

Hand protection:

Impervious butyl rubber gloves Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection:

Tightly fitting safety goggles . Eye wash bottle with pure water

Skin protection:

Use protective skin cream before handling the product. Long sleeved clothing , Rubber or plastic apron , Antistatic boots

Hygiene measures:

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

Environmental exposure controls:

Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state	liquid
Colour	white
Odour	solvent

Important health safety and environmental information

pH	Not applicable.	
Boiling point	-42 C	
Flash point	-42 C	
Explosion limits		
Explosive properties		
Vapour pressure	57 psig @ 20 C	(Air = 1.0)
Vapour density	> 1	
Evaporation rate	> 1	(BuAc = 1)
Relative density	.826 g/cc3 (20 C)	
Viscosity		
Water solubility	insoluble	
Partition coefficient: n-octanol/water		
Other information		
Melting point	Not applicable.	

10. STABILITY AND REACTIVITY

Stability:

Stable

Conditions to avoid:

Heat, flames and sparks.

Materials to avoid:

Strong oxidizing agents

Hazardous decomposition products:

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

Hazardous polymerisation:

None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Test substance

Test result

No data is available on the product itself.

Adverse human effects:

R65 - Harmful: may cause lung damage if swallowed.

Further information:

12. ECOLOGICAL INFORMATION

Mobility:

After release, disperses into the air.

Bioaccumulative potential:

No information available.

Persistence and degradability:

No information available.

Ecotoxicity:

No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum.

Further Information

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

14. TRANSPORT INFORMATION

ADR/RID - Land transport:

UN-Number 1950
Proper shipping name Flammable Aerosol
Class 2
Sub-risks
Packing group
Labels

IMDG - Sea transport:

UN-Number 1950
Proper shipping name Flammable Aerosol
Class 2.1
EmS
Packing group
Labels

IATA-DGR - Air transport:

UN-Number 1950
Proper shipping name Flammable Aerosol
Class 2.1
Packing group
Labels

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol(s):

F+ - Extremely flammable
Xn - Harmful

R-phrases(s):

R12 - Extremely flammable.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.

S-phrases(s):

S16 - Keep away from sources of ignition - No smoking.
S33 - Take precautionary measures against static discharges.
S43 - In case of fire, use .?
S61 - Avoid release to the environment. Refer to special instructions/ Safety data sheets.
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S 9 - Keep container in a well-ventilated place.

Special regulations on certain preparations:

National regulatory information:

16. OTHER INFORMATION

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

Full text of R-phrases referred to under sections 2 and 3:

R10 - Flammable.
R46 - May cause heritable genetic damage.
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R48/23/24/25 - Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63 - Possible risk of harm to the unborn child.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.
R11 - Highly flammable.
R20 - Harmful by inhalation.
R20/21 - Harmful by inhalation and in contact with skin.
R36 - Irritating to eyes.
R36/37 - Irritating to eyes and respiratory system.
R36/38 - Irritating to eyes and skin.
R38 - Irritating to skin.
R45 - May cause cancer.

This data sheet contains changes from the previous version in section(s)::

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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

materials or in any process, unless specified in the text.

Product code: RC290

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