

Material Safety Data Sheet according 91/155/EEC

Product Name : **COLOR FLAKES** NO. 101

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1. IDENTIFICATION OF THE PREPARATION AND COMPANY.

Product Name and Code : **COLOR FLAKES** 4520-0510x-E03

Product use: Mix with Coelan Boat Coating and apply on metal substrates only.

Name of the company:

COELAN^o-FLÜSSIGKUNSTSTOFFE GmbH & Co. KG

Boschstraße 14-16

48653 COESFELD

Phone: (+49 2541) 920-0 Fax: (+492541) 920-400

Phone of the company: laboratory Phone:(+492541) 920-270

Emergency-Phone: (06132) 84463

2. COMPOSITION AND INFORMATION ON INGREDIENTS.

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

S-No.	Names	Conc.	Symb.	R phrases
N/A.				

(See full text of R phrases under chapter 16)

3. HAZARDS IDENTIFICATION OF THE PREPARATION.

N/A.

4. FIRST AID MEASURES.

General :

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation :

Remove to fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye contact :

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin contact :

In the case of irritations wash skin thoroughly with soap and water or use recognized skin cleanser.

Ingestion :

If accidentally swallowed, no special healthy risk is to be expected.

5. FIRE-FIGHTING MEASURES.

Extinguishing media : recommended : all common extinguishing media.

Not to be used : no restriction

Recommendations : In case of fire smoke might occur. The product itself is low-flammable.

Appropriate breathing apparatus may be required. Do not allow run-off from fire fighting to enter drains or water ways.

6. ACCIDENTAL RELEASE MEASURES.

Exclude sources of ignition and ventilate the area. Avoid breathing dust. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with a vacuum cleaner or by wet brushing and place in container for disposal according to local regulations (see section 13).

Do not use a dry brush as dust clouds can be created. Do not allow to enter drains or water ways.

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE.

Persons suffering from respiratory problems or allergic responses should not be exposed to, or handle, powder coatings.

Handling.

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Preparation may charge electro-statically: always use grounding leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the non-conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. Smoking, eating and drinking should be forbidden in application area. Comply with the health and safety at work laws. Always keep product material in the original container. For personal protection see Section 8.

Storage.

Observe label precautions. Store between 5 and 30 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Engineering Measures.

Avoid inhalation of product dust. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general air circulation. If these are not sufficient to maintain exposure to dust below the OEL, suitable respiratory protection must be worn.

Exposure Limits.

Occupational exposure limit for :

CAS-No.	Names	STEL	LTEL
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N/A.

Personal Protection.

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION. Continued,

Hand protection:

For prolonged or repeated contact, use : Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Safety eyewear should be used when there is a likelihood of exposure.

Skin protection:

Working clothes. All parts of the body should be washed after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical state : fine powder.

Specific gravity : 2.30

Vapor density : N/A

Lower explosion limit: N/A.

Solubility in water : immiscible

Density: 2.0 – 2.5 g/cc

10. STABILITY AND REACTIVITY.

Stable under recommended storage and handling conditions. (See section 7)

11. TOXICOLOGICAL INFORMATION.

There are no data available on the preparation itself. The product can cause localized skin irritation in folds of the skin or in contact with tight clothing.

12. ECOLOGICAL INFORMATION.

No ecological risks are known and to be expected under recommended handling conditions. The product should not be allowed to enter drains or water ways.

13. DISPOSAL CONSIDERATIONS.

Do not allow into drains or water ways.

EAK-NR. Disposal name:

080105

Empty containers are to be given for disposal . Partially emptied containers are subject to special disposal regulations. In all cases and prior to disposal, check with your local waste regulatory agency.

14. TRANSPORT INFORMATION.

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID: Class: not a dangerous good item:

Transport document name: N/A.

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14. TRANSPORT INFORMATION. Continued,

IMDG: Class: N/A. UN NR. : N/A.

EMS : N/A.

Proper shipping name :

Packaging group : N/A.

Marine pollutant : N/A.

ICAO/IATA: Class: N/A. UN NR. : N/A.

Proper shipping name :

Packaging group : N/A.

15. REGULATORY INFORMATION.

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations.

Danger classification :

N/A.

Contains:

N/A.

R phrases:

N/A.

S phrases:

N/A.

other phrases:

N/A.

16. OTHER INFORMATION.

The information contained in this Material Safety Data Sheet (MSDS) is based on the present state of knowledge and on current EEC and national law.

This MSDS is meant as a description of the safety requirements of the product and is not to be considered as a guarantee of the products' properties. The data in this MSDS does not establish a legally valid basis or foundation for any type of damage or liability claim.

As the users technical skill and project working conditions are beyond our knowledge and control, the product is not to be used for any other purposes than those specified under section 1, "Product Use", of this MSDS, without first obtaining written instructions and acknowledgment from the manufacturer.

The user is responsible for ensuring that the requirements and obligations of all relevant legislation and laws are complied with.

END