



Safety Data Sheet

Coloring Wood Stain (Dye)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: UNI STAIN Coloring Wood stain (Dye)

Product Use: used for coloring wood

Manufacturer/Supplier: UNITED GROUP FOR OILS AND COATINGS

Application of the substance / the perpetration: This Product Is applied for wood application by professional painters only, in accordance to the Manufactures Instructions specified in the technical data sheet.

Chemical name: N/A

Synonyms: Pigments in water

CAS No.: 78-59-1/471-01-2

Correct shipping name: Isophorone

UN no.: N/A - Mixture of propylene glycol in water

Hazard Class: N/A **Packing Group:** N/A

SECTION 2: HAZARDS IDENTIFICATION

Hazard description:

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and Literature data.

Potential Acute Health Effects: Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects: Slightly hazardous in case of skin contact (sensitizer).

CARCINOGENIC EFFECTS: Not available. **MUTAGENIC EFFECTS:** Not available.

TERATOGENIC EFFECTS: Not available. **DEVELOPMENTAL TOXICITY:** Not available. The substance may be toxic to central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous components:

CAS # 57-55-6 Propylene Glycol 5-25% -

CAS # Pigments in water 75-95%



SECTION 4: FIRST AID MEASURES

General information: No special measures required

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally, the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 371°C (699.8°F)

Flash Points: CLOSED CUP: 99°C (210.2°F). OPEN CUP: 107°C (224.6°F) (Cleveland).

Flammable Limits: LOWER: 2.6% UPPER: 12.5%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in

presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits acid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: No dangerous substances are released

SECTION 7: HANDLING AND STORAGE

Handling:

Information for safe handling: No special measures required.

Information about fire - and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore

to be checked prior to the application.

Penetration time of glove material the exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: Fluid

Color: According to product specification.

Auto flammability: Not Determined

Odor: Characteristic odor

Melting point/Melting range: Undetermined

pH: 6-10

Density: 1.0-1.7

Oxidizing properties: Not Determined

Boiling point: 100 degrees C min

Vapor pressure: Not determined

Melting point: Not Determined

Flash point: Not determined

Solubility - water: Soluble

Solubility - solvent: Miscible

Solubility coefficient: Not Determined

Flammability: Non-Flammable

Self-igniting: Product is not self-igniting

Danger of explosion: Product does not present an explosion hazard.

Explosion limits: Lower: 1.2 Vol %



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SECTION 10: STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Materials to be avoided:

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

Stability: The product is stable.

Instability Temperature: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION 11: TOXICOLOGY INFORMATION

Acute toxicity:

Oral LD50 5000 mg/kg (rat)

Dermal LD50 12124 mg/kg (rabbit)

Inhalative LC50/4 h 5320 mg/l (mouse)

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: ECOLOGICAL INFORMATION

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

Product:

Recommendation Smaller quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations .



SECTION 14: TRANSPORTATION INFORMATION

UN no.: N/A

Maritime transport IMDG: Not applicable

Marine pollutant: No

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

SECTION 15: REGULATORY INFORMATION

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

SECTION 16: OTHER INFORMATION

NB. Read and understand all the information on the product label before using the product.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

- This product should only be used as directed on the label and for the purpose intended.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.