



MATERIAL SAFETY DATA SHEET

(UNICOLOR PASTE)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

Trade Name : UNICOLOR PASTE
Application : Tinting Colour
Company Identification : MAS Paints & Chemicals Industries
P.O. Box No: 23085,
Dubai, U.A.E
Emergency Telephone No : 00971 - 06 - 5440566
Emergency Fax No : 00971 - 06 - 5440596

2. COMPOSITION AND INFORMATION ON INGREDIENTS:

Description : UNICOLOR PASTE

COMPOSITION OF PRODUCT

NO.	Ingredients Name	CAS NO	Weight%	Dangerclas. / Cmnt.
1.	ETHANEDIOL	107-21-1	25 - 50	Xn,22
2.	NONYLFENOL POLYGLYKOLETER		2,5-10	Xi,22-36/38

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, IK=No Classification required, E=Explosive, O- Oxidising, F+=Extremely flammable, F=Very flammable, FO-Flammable, N=Dang. To the environment.

INGREDIENT COMMENTS:

Substances presenting a health hazard within the meaning of the current issue of the CHIP Regulations or assigned occupational exposure limits.

3. HAZARDOUS IDENTIFICATION

HARMFUL IF SWALLOWED. For potential danger for the environment, see section 12.

4. FIRST AID

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 the patient warm and at rest. If breathing has stopped, administer artificial respiration. Place in stable position on one side and keep warm with blankets etc. seek medical advice.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use an appropriate skin cleaner. Do NOT use solvents or thinners.

EYE CONTACT

Remove any contact lenses. Hold the eyelids apart. Irrigate copiously with clean, fresh water for at least 10 minutes. Seek medical advice if symptoms persist.

INGESTION

DO NOT INDUCE VOMITING. If accidentally swallowed obtain immediate medical attention. Keep at rest. Seek medical advice.

MEDICAL INFORMATION

Risk of chemical pneumonia by aspiration. Keep attention: danger of lung damage. General health examination. Professional evaluation of the workstation.

5. FIRE FIGHTING MEASURES

➤ PROPER FIREFIGHTING EQUIPMENT

Recommended: alcohol resistant foam, CO₂, powders, water spray. Not to be used: water jet.

➤ FIRE AND EXPLOSION HAZARDS

Decomposition products may be a hazard to health. Fire will produce dense black smoke containing hazardous products of combustion (see Section 10).

➤ PERSONAL PROTECTION WHEN FIREFIGHTING

The personal protective equipment required is provided in section 8. professional fire fighters are required to use an air – fed system when dealing with major fires.

6. ACCIDENTAL RELEASE MEASURE

➤ OTHER INFORMATION

If the products enter drain or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environmental Agency. Clean preferably with a detergent; avoid use of solvents. Do not allow to enter drains or watercourses. Contain and collect spillage with non – combustible absorbent materials, e.g. sand, earth, vermiculite and diatomaceous earth. Place in container for disposal according to local regulations (see section 13). Refer to protective measures listed in section 7 and 8. avoid breathing vapours. Exclude sources of ignition and ventilate the area.

7. HANDLING AND STORAGE

➤ HANDLING ADVICE

Keep container tightly closed. Exclude sources of heat, sparks and open flame. Use non – sparking tools. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking are forbidden in the work area. For personal protective equipment see section 8. Always keep in containers made of the same material as the supply container. Never use pressure to empty: the container is not a pressure vessel. The manual handling operation regulations may apply to the handling of containers of this product.

➤ **STORAGE**

Store in accordance with the regulations for flammable materials. Observe the label precautions. Store in a dry, cold and well ventilated place away from sources of heat, ignition and direct sunlight.

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

OEL's:

Ingredients Name	CAS-no	OEL Value	OEL
ETHANEDIOL	107-21-1	0.0mg/m3	

➤ **EXPOSURE CONTROL**

OELs are taken from the current version of EH40 (by Health & Safety Executive, UK). Spray mist contains all substances of the product and must not be inhaled. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide adequate ventilation.

➤ **RESP. PROTECTION**

By other operations than spraying: In well-ventilated areas, air-fed respirators could be replaced by a combination of charcoal filter and particulate filter mask. Air-fed respiratory protective should be worn when this product is sprayed.

➤ **EYE PROTECTION**

Eye protection designed to protect against liquid splashes should be worn.

➤ **HAND PROTECTION**

Barrier creams should not be applied once exposure has occurred. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. Use nitrile or neoprene gloves.

➤ **SKIN PROTECTION**

When spraying use suit covering the whole body. Wear anti - static clothing made of natural fibre or of heat resistant synthetic fibre.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid.
Colour	:	Various
Odour	:	Organic solvent
Solubility	:	Organic solvent.

Melting point / range	:	-
Expl. Limit LEL-UEL%	:	320-
Flash Point	:	> 30°
Viscosity	:	-
Density	:	1,2-2,15
Boiling point / range	:	198°C
PH concentrate	:	-
Ignition temp	:	410°C

10. STABILITY AND REACTIVITY

➤ **STABILIE**

Stable under recommended storage and handling conditions (see section 7)

➤ **MATERIALS TO AVOID**

Keep away from oxidising agents, strongly alkaline and strongly acidic materials to prevent the exothermic reaction.

➤ **HAZARDOUS DECOMPOSITION PRODUCTS**

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

➤ **GENERAL**

There are no toxicological data available on the product itself.

➤ **INHALATION**

Symptoms and signs include headache; dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous system.

➤ **SKIN CONTACT**

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

➤ **EYE CONTACT**

Splashes in the eyes may cause irritation and reversible local damage.

➤ **INGESTION**

Chemical pneumonia can occur if solvents are inhaled. Swallowing in connection with accidents can result in vomiting and stomach pain.

12. ECOLOGICAL INFORMATION

➤ **OTHER INFORMATION**

The product contains a substance that can degrade in the environment to form nonylphenol. Nonylphenol is considered to be "Harmful for the environment". There is no data available on the product itself.

13. DISPOSAL

Waste must be disposed of at approved landfill/waste storage or treatment facility. Do not allow into drains or watercourses. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

➤ **WASTEGROUP**

08 01 02 waste paints and varnish free of halogenated solvents. 08 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVE, SEALANTS AND PRINTING INKS.

14. TRANSPORT INFORMATION

Transport only in accordance with ADR for road, RID for rail and IMDG for sea transport. The product is not classified as dangerous goods for carriage.

15. REGULATORY INFORMATION

COMPOSITION
ETHANEDIOL (25 – 50)

R-PHRASES
R22 Harmful if swallowed.

S – PHRASES
S2 keep out of reach of children/ S23.2-Do not breathe fume.

➤ REFERENCES

The product is classified and labelled for supply in accordance with the current issue of CHIP regulations, and the latest version of the approved supply list.

16. OTHER INFORMATION

➤ VENDO NOTES

The selection, use and maintenance of respiratory protective equipment: A practical guide HS(G)53. Storage of Packaged Dangerous Substances, HS(G)71. Storage of Flammable Liquids in Containers, HS(G)51. The Manual Handling Operations Regulations 1992 (SI 1992:2793). The Highly Flammable Liquids and liquefied Petroleum Gases Regulations 197 (SI 1972:917). The Control of Substances Hazardous to Health Regulations 1988 (SI1988:1657). Further information and relevant advice can be found in: The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839). and should not be construed as any guarantee of technical performance or suitability for particular applications. The information in this MSDS provides guidance on health, safety and environmental aspects of the product As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this MSDS is based on the present state of knowledge and current national legislation.