



SafetyDataSheet
according to 1907/2006/EC, Article 31

Printing date 04.11.2009

Revision: 04.11.2009

1 Identification of substance

- Tradename: **NewVlacgloss40UC1300**
ITX/Benzophenone-derivative free
hotfoil stamping
- MSDS no. 135,734
- Application of the substance/the preparation Printing inks
- Manufacturer/Supplier:
Hostmann Steinberg GmbH
Bremer Weg 125
D-29223 Celle
Tel. +49-5141591-0
Fax. +49-5141591-202
- Informing department:
Product Safety Huber Group
Contact: Dr. Sebastian Gierisch
Telefon: +4989-9003-444
Telefax: +4989-9003-505
E-mail: sebastian.gierisch@mhm.de
- Emergency information: During general business hours: Product Safety Division, Extension 220 or 444

2 Hazards identification

- Hazard designation:



Xi Irritant

- Information pertaining to particular dangers for the environment
The product has to be labelled due to the calculation procedure of the "General Classification guideline" for R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3 Composition/information on ingredients

- Chemical characterization
- Description:
Preparation of organic and inorganic pigments and/or carbon black (not valid for unpigmented systems like printing varnishes), synthetic resins (modified acrylates) and additives.
- Dangerous components:
which are hazardous within the meaning of statutory order on dangerous substances 67/548/EEC.

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CAS:57472-68-1	oxybis(methyl-2,1-ethanediyl)diacrylate	40-50%
EINECS:260-754-3	Xi;R38-41-43	
CAS:55818-57-0	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-	15-20%
NLP:500-130-2	propenoate	
	Xi;R36/37/38-43	
CAS:15625-89-5	2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-	10-15%
EINECS:239-701-3	Xi;R36/38-43	
CAS:91722-14-4	Soybeanoil, epoxidized, acrylate	2.5-5%
EINECS:294-415-6	Xi;R37-43	
CAS:7473-98-5	2-hydroxy-2-methylpropiophenone	<2.5%
EINECS:231-272-0	Xn,N;R22-50/53	
CAS:13048-33-4	hexamethylenediacylate	<2.5%
EINECS:235-921-9	Xi;R36/38-43	
CAS:84434-11-7	2,4,6-Trimethylbenzoylphenylphosphinsäureethylester	<1.0%
EINECS:282-810-6	R52/53	
· Additional information Forthewordingofthelistedriskphrasesreferto section16.		

4 Firstaidmeasures

· **Generalinformation**

Inallcasesofdoubt,orwhensymptomsersist,seekmedicaladvice.
Incaseofunconsciousnessplacepersonintherecoveryposition.Nevergiveanythingbymouth.

· **Afterinhalation**

Removetofreshair.
Keepatientwarmandatrest.

· **Afterskincontact**

Removecontaminatedclothingimmediately. Washskin thoroughlywithsoapandwateroruserecognisedskin cleanser. DoNOTusesolventsorthinners.

· **Aftereyecontact**

Irrigatecopiouslywithclean,freshwaterforatleast15minutes,holdingtheeyelidsapart. Remove contactlenses. Obtainmedicalattention.

· **Afterswallowing** DoNOTinducevomiting. Obtainmedicalattention.

5 Firefightingmeasures

· **Suitableextinguishingagents** Alcoholresistantfoam, CO2, powders, waterspray.

· **Forsafetyreasonsunsuitableextinguishingagents** Waterjet.

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- **Special hazards caused by the material, its product** **sof combustion or flue gases:**
Exposure to hazardous decomposition products may cause a health hazard.
Appropriate breathing apparatus may be required.
- **Additional information** Collect run-off from firefighting.

6 Accidental release measures

- **Person-related safety precautions:** Ventilate the area.
- **Measures for environmental protection:**
Do not allow to enter drains. If the product contaminates rivers and lakes or sewers inform respective authorities.
- **Measures for cleaning/collecting:**
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local regulations. Clean preferably with a detergent. Avoid use of solvents.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Avoid inhalation of vapour. Smoking, eating and drinkings should be prohibited in application area. For personal protection see Section 8. Comply with health and safety at work laws. Avoid concentrations higher than the occupational exposure limits (see Section 8), if applicable.
- **Storage**
- **Requirements to be met by storerooms and containers:**
Keep container tightly closed. No smoking.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- **Further information about storage conditions:**
Always keep in containers of the same material as the original one. Store in a dry, well ventilated place. Keep away from heat and direct sunlight. Store in accordance with the particular national regulations concerning water pollution.
Observe label precautions.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:**
If relevant apply technical measures to comply with the occupational exposure limits. This can be achieved by a good general extraction and - if practically feasible - by the use of local exhaust ventilation.

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- **Components with critical values that require monitoring at the workplace:**
Numerical data - if specified - are taken from the validation lists.
- **Personal protective equipment**
- **Protection of hands:**
For prolonged or repeated contact use gloves.
Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.
The glove material has to be impermeable and resistant to the product/the substance/the preparation.
- **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:** Use safety eyewear designed to protect against splash of liquids.
- **Body protection:**
All parts of the skin should be washed after contact.
Working clothes must not consist of textiles which show a dangerous melting behaviour in case of fire.

9 Physical and chemical properties:

- **General Information**
 - Form:** liquid
 - Colour:** according to the trade name of the product
 - Smell:** characteristic
- **Flashpoint:** >100°C
- **Density at 20°C:** 1.04 g/cm³
- **Solubility in/Miscibility with**
 - Water:** partly or not miscible
 - Organic solvents:** <0.1%

10 Stability and reactivity

- **Thermal decomposition/conditions to be avoided:**
Stable under recommended storage and handling conditions (see section 7).
- **Materials to be avoided:**
Keep well away from oxidising agents and strongly alkaline or strongly acidic materials in order to avoid exothermic reactions.

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· **Dangerousproductsofcomposition:**

Expositiontohighertemperaturesmayproducehazardousdecompositionproductssuchas:carbondioxide,carbon
monoxideandsmoke.

11 Toxicologicalinformation

ThePreparationisclassifiedaccordingtotheconventionalmethod(calculationmethodoftheEC-directive88/379/EEC).

Repeatedorprolongedcontactwiththepreparationmaycauseremovalofnaturalfatfromtheskinresultingin
non-allergiccontactdermatitis.

Theliquidsplashedintheeyesmaycausestrongirritationandirreversibledamage.

· **Acutetoxicity:**

· **LD/LC50valueswhatare relevantforclassification :**

7473-98-5 2-hydroxy-2-methylpropiofenone

Oral LD50 1694mg/kg(rat)

12 Ecologicalinformation:

TheProductshouldnotbeallowedtoenterdrainsorwatercoursesorsoil.

· **Ecotoxicaleffects:**

· **Remark:** Harmfultofish

· **Additional ecological information:**

· **General notes:** Harmfulto aquatic organisms

13 Disposalconsiderations

· **Product:**

· **Recommendation** Donotallowtoenterdrains.

· **Europeanwastecatalogue** 080312:wasteinkcontainingdangeroussubstances

· **Uncleanedpackagings:**

· **Recommendation:** Notorderlyemptiedcansandinkremnantsarespecialwaste.

14 Transportinformation

Notclassifiedaccordingtotransportregulationsfordangerousgoods(likeADR/RID,IMDGandICAO/IATA).

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- **MaritimetransportIMDG/GGVSea:**
- **Marinepollutant:** No

15 Regulatoryinformation

- **DesignationaccordingtoECguidelines:**
- **Codeletterandhazarddesignationofproduct:**



XiIrritant

- **Hazard-determiningcomponentsoflabelling:**
oxybis(methyl-2,1-ethanediyl)diacrylate
Phenol,4,4'-(1-methylethylidene)bis-,polymerwith (chloromethyl)oxirane,2-propenoate
2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-
Soybeanoil,epoxidized,acrylate
hexamethylenediacrylate
- **Riskphrases:**
38Irritatingtoskin.
41Riskofseriousdamagetoeyes.
43Maycausesensitisationbyskincontact.
52/53Harmfultoaquaticorganisms,maycauselong- termadverseeffects
intheaquaticenvironment.
- **Safetyphrases:**
24Avoidcontactwithskin.
26Incaseofcontactwitheyes,rinseimmediate lywithplentyof
waterandseekmedicaladvice.
29/35Donotemptyintodrains;disposeofthismat erialandits
containerinasafeway.
37/39Wearsuitableglovesandeye/faceprotection.
- **Nationalregulations**
- **Technicalinstructions(air):**
- **VOC-Content(EU):** 0.12%
- **Waterhazardclass:** Waterhazardclass2(Self-assessment):hazardous orwater.
- **Mal-Code** 5-5

16 Otherinformation:

TheinformationonthisSafetyDataSheetisbased onthepresentstateofourknowledgeandoncurrentEUand
nationallaws.Theuser'sworkingconditionsarebe yondourknowledgeandcontrol.Itisalwaysthere sponsibility
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of the user to take all necessary steps in order to fulfil the demands laid down in the local rules and legislation. The information in this Safety Data Sheet is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the product's properties.

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Relevant R-phrases

- 22 Harmful if swallowed.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 36/38 Irritating to eyes and skin.
- 37 Irritating to respiratory system.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitisation by skin contact.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.