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Trade name : 350-BR-4004

Product identification : Solvent containing pigment dispersion on resin basis

2. HAZARDOUS INGREDIENTS

Ingredient	CAS-Nr.	Concentration [%]	MAK-Value [ppm]	Symbol	R-phrase (for 100%)
Butylglycolacetate	112-07-2	20 ... 50	20	Xn	20/21
Naphta (petroleum)	64742-48-9	5 ... 10		-	10-65-66-67

3. HAZARDS IDENTIFICATION

Human health (See also section #15)

- Inhalation : Excessive breathing of vapours has narcotic effects, may cause drowsiness.
- Skincontact : Degreasing effects. Prolonged or repeated contact may cause inflammation.
- Eyecontact : Moderate irritation by direct contact.
- Swallowing : Not known.

Environment : Harmful for aquatic environment. In case of fire may be formed: carbonmonoxide/carbondioxide

4. FIRST AID MEASURES

Inhalation : Take victim to fresh air. Remove contaminated clothing.

Skincontact : Dab with soft tissue and wash with plenty of water and soap. Do not use any organic solvent.

Eyecontact : Immediately rinse with plenty of water, keep eyelid lifted. In case of irritation see physician.

Swallowing : On vomiting lie person on their side and keep respiratory tract free. See physician. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing media: Foam, carbondioxide, waterspray Unsuitable media: Waterjet

Hint : Do not allow extinguishing agent to soak into soil. Take measures to collect contaminated firefighting agents
Do not breathe vapours/fumes - use self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Person : Avoid contact with skin, eyes and clothes. Remove sources of ignition. Proper ventilation of workplace.

Environment : Prevent material to enter soil, drains or water courses.

Spill control : Absorb with sand, kieselguhr or other inert material.
For disposal fill in adequate containers and handle as special waste. See also section #13

7. HANDLING AND STORAGE

Handling : Avoid release of vapours. Be sure to apply good room ventilation. Do not eat, drink or smoke at the workplace.

Storage : Keep container well closed after use. Avoid frequent warming above 50 °C.
Keep away from food. Preferably store in original container.

Hints : Product is flammable and can form combustible mixtures with air. Avoid electrostatic charging of container.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure : Install proper room ventilation in working- and storage area.

Respiratory : No special requirements with good room ventilation.

Eyes : When splashes may occur (pouring material into an other container) wear splash proof goggles.

Skin : Apply mild handcream. Use suitable protective gloves. (i.e. neoprene or polyvinyl alcohol)

General : When handling the product wear usual protective work clothes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

pH-Value.....:	n.a.	Appearance.....:	pasteous
Boilingpoint at.....[°C]:	142.0	Odour.....:	characteristic
Flashpoint at.....[°C]:	39	Shade.....:	silver
Ignitiontemperature at.....[°C]:	240	Supporting fire.....:	by solvents
Lower explosion limit.....[Vol%]:	0.6	Solubility in water.....:	0 % fully soluble components
Upper explosion limit.....[Vol%]:	8.4	Viscosity.....:	> 90 sec in DIN-4-cup
Vapour pressure.....[mbar]:	7.0	Density.....[g/ml at 20°C]:	ca. 1

10. STABILITY AND REACTIVITY

Elevated temperature in the container may cause combustion. (Increase of vapour pressure)

Direct contact with oxidants will yield decomposition/inflammation, liberating gases. Dangerous decomposition products: see section #3

11. TOXICOLOGICAL INFORMATION

Excessive vapour concentration may yield narcotic effects.

12. ECOLOGICAL INFORMATION

Biological degradability exists for some components of the product.

Do not allow product to enter drains, groundwater or water courses.

13. DISPOSAL CONSIDERATIONS

EWCnew: (Used printing inks, containing hazardous material) 08 03 12* / proposal

Liquid remainder is special waste. Do not dispose together with normal domestic waste. See local regulations.

Send via licensed waste handler to dump, incineration or redistillation in accordance with local regulations.

14. TRANSPORT INFORMATION

ADR/RID: KEINE GÜTER DER KLASSE 3

IMDG: No material of class 3. Transport in accordance with the provisions of paragraph 2.3.2.5 of the IMDG Code

IATA: Printing ink, flammable, 3, UN 1210, III

15. REGULATORY INFORMATION

Flammability.....: R 10: Flammable

Health risk.....: Xn Harmful Contains: Butylglycolacetate

R-phrases.....: R 20: Harmful by inhalation
R 21: Harmful in contact with skin

S-phrases.....: S7/9: Keep container tightly closed and in a well-ventilated place
S 16: Keep away from sources of ignition - No smoking
S 29: Do not empty into drains
S 35: This material and its container must be disposed of in a safe way

TA-air : 0 % class I 20...50 % class II 5....10 % class III WGK (VwVwS): 2

16. OTHER INFORMATION

Contents of organic solvents at 42 %

Explanation: n.a. = not applicable n.b. = not known n.m. = not measurable * = for organic solvents

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