



TECHNICAL INFORMATION

YOU&I CORPORATION

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Material Safety Data Sheet

Revision: APRIL 29, 2010

1. Identification of the substance/preparation and of the company/undertaking

- Product details
 - Trade name: GID-BLACK
 - Registration number: Not available
 - Application of the substance / the preparation: Be used on the stationary ink
- Manufacturer/Supplier:
YOU&I CORPORATION
 - Address: Banwol IND. Complex 8B-29L, 742-8, Wonsi-dong, Danwon-gu, Ansan-si, Gyeonggi-do, Korea
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- Further information obtainable from: YOU&I Corporation
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2. Hazards identification

- Hazard description:

This material is not hazardous
- Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guidance 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.

3. Composition/information of ingredients

- Chemical characterization
- Description:

Mixture of substances listed below with nonhazardous additions.

For the wording of the listed risk phrases refer to section 16.

• Dangerous component
This product does not have dangerous component

• Non-dangerous component	
CAS: 83046-38-2 EINECS: UNKNOWN	C. I. DIRECT BLACK 168
CAS: 11138-66-2 EINECS: 234-394-2	THICKENER
CAS: 56-81-5 EINECS: 200-289-5	GLYCERIN
CAS: 57-13-6 EINECS: 200-315-5	UREA
CAS: 102-71-6 EINECS: 203-049-8	TRIETHANOLAMINE
CAS: 39464-66-9 EINECS: UNKNOWN	SURFACTANT

4. First aid measures

- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

5. Fire-fighting Measures

- Suitable extinguishing agents: A fire extinguisher water, foam, CO₂, NaHCO₃
- For safety reasons unsuitable extinguishing agents: None
- Protective equipment:
 - Wear fully protective suit.
 - Mouth respiratory protective device.
 - Do not inhale explosion gases or combustion gases.

6. Accidental Release Measures

- Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.
- Measures for environmental protection:
 - Do not allow product to reach sewage system or any water course.
 - Inform respective authorities in case of seepage into water course or sewage system.
 - Do not allow to enter sewers/surface or ground water.

7. Handling and Storage

- Handling:
- Information for safe handling:
 - Store in cool, dry place in tightly closed receptacles.
 - Ensure good ventilation/exhaustion at the workplace.
- Information about fire – and explosion protection:
 - Keep ignition sources away – Do not smoke.
 - Protect against electrostatic charges.
- Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Store away from sunlight.
- Further information about storage conditions:
 - Keep container tightly sealed.
 - Store in cool, dry conditions in well sealed receptacles.

8. Exposure Controls /Personal Protection

- DNELs Not available
- PNECs Not available
- Additional information: The lists valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures: Wash hands before breaks and at the end of work.
- Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
- 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 can not 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: Tightly sealed goggles

9. Physical and Chemical Properties

• General Information	
Form:	Liquid
Color:	BLACK
Odor:	Odorless
• Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	>100 °C
• Flammability(solid, gaseous):	Not available
• Ignition temperature:	Not available
• Self-igniting:	Product is not self-igniting.
• Danger of explosion:	Product is not explosive.
• Explosion limits:	
Lower:	Not available
Upper:	Not available
• Oxidizing properties:	Not available
• Vapor pressure:	Not available
• Specific Gravity:	1.1 ± 0.05 g/cm ³
• Relative density:	Not available
• Vapor density:	Not available
• Evaporation rate:	Not available
• Solubility in / Miscibility with water:	Fully miscible
• pH-value:	8.0 ± 1.0

• Segregation coefficient (n-octanol/water):	Not available
• Viscosity:	1150 ± 150 cps

10. Stability and Reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions: No dangerous reactions known.
- Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological Information

- Acute toxicity: No toxicity data are available for this material.
- Primary irritant effect:
 - on the skin: practically not irritating
 - on the eye: inconsequential irritation
- Sensitization: No sensitizing effects known
- Toxicokinetics, metabolism and distribution: Not available
- Acute effects (acute toxicity, irritation and corrosivity): Not available
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): Not available

12. Ecological Information

- Information about elimination (persistence and degradability): Heavily removable from water
- Behavior in environmental systems:
- Mobility and bioaccumulation potential: may be accumulated in organism
- Ecotoxicological effects: Not available
- Aquatic toxicity: Not available
- General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

- PBT assessments Not available



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13. Disposal Considerations

- Product:
 - Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- Recommendation:
 - Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

14. Transport Information

- Not classified as hazardous for transportation
- In order for the bubble not to get, pay attention

15. Regulatory Information

- Sara

• Section 355(extremely hazardous substances):
None of the ingredients is listed.
• Section 313(Specific toxic chemical listings):
None of the ingredients is listed.
• TSCA(Toxic Substances Control Act):
None of the ingredients is listed.

- Proposition 65

• Chemicals known to cause cancer:
None of the ingredients is listed.
• Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.
• Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.
• Chemicals known to cause developmental toxicity:
None of the ingredients is listed.



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• Cancerogenity categories

• EPA(Environmental Protection Agency)
None of the ingredients is listed.
• IARC(International Agency for Research on Cancer)
None of the ingredients is listed.
• NTP(National Toxicology Program)
None of the ingredients is listed.
• TLV(Threshold Limit Value established by ACGIH)
None of the ingredients is listed.
• NIOSH-Ca(National Institute for Occupational Safety and Health)
None of the ingredients is listed.
• OSHA-Ca(Occupational Safety & Health Administration)
None of the ingredients is listed.

• Labelling according to EU guidelines:

The Product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

• Code letter and hazard designation of product:

• Risk phrases:

• Safety phrases:

9 Keep container in a well-ventilated place.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

46 If swallowed, seek medical advice immediately and show this container of label.

16. Other Information

• No information



This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. YOU&I Corporation assumes no responsibility for personal injury or property damage caused by the material. Users assume all risks associated with the use of the material.