

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product code** : VP10010E01  
**Product name** : NOVACOAT 4050; HG 2,5KG  
**Manufacturer / Distributor** : Flint Group Austria GmbH  
 Industriestrasse 2  
 AT-23280 Perchtoldsdorf  
 Austria  
**e-mail address of person responsible for this SDS** : compliance.centre@eu.flintgrp.com  
**Telephone no.** : +43 1 749 3530 0  
**Product use** : Printing ink or Additive

## 2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Not classified.  
**Physical/chemical hazards** : Not applicable.  
**Human health hazards** : Not applicable.  
**Environmental hazards** : Not applicable.  
**Additional warning phrases** : Contains fatty acids, c6-19-branched, cobalt(2+) salts. May produce an allergic reaction. Safety Data Sheet available for professional user on request.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name	CAS number	%	EC number	Classification
distillates (petroleum), hydrotreated middle	64742-46-7	10-20	265-148-2	Xn; R65 R66 [1]
distillates (petroleum), hydrodesulfurized middle	64742-80-9	<10	265-183-3	Xn; R65 R66 R53 [1]
distillates (petroleum), hydrodesulfurized middle	64742-80-9	<10	265-183-3	Xn; R65 R53 [1]
distillates (petroleum), solvent-refined middle	64741-91-9	<10	265-093-4	Xn; R65 R66 [1]
See section 16 for the full text of the R-phrases declared above				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

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## 4. FIRST AID MEASURES

### First aid measures

- 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 person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

- Extinguishing media** : Recommended: alcohol-resistant foam, CO<sub>2</sub>, powders, water spray.  
Not to be used : water jet.
- Recommendations** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8.
- Spill** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Preferably clean with a detergent. Avoid using solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

**Note:** see section 8 for personal protective equipment and section 13 for waste disposal.

## 7. HANDLING AND STORAGE

- Handling** : Keep container tightly closed.
- Avoid contact with skin and eyes. Avoid inhalation of vapor, spray or mist.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
- Put on appropriate personal protective equipment (see section 8).
- Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one.
- Comply with the health and safety at work laws.
- Storage** : Store in accordance with local regulations. Store in a cool, well-ventilated area away from incompatible materials and ignition sources.
- Keep away from: oxidizing agents, strong alkalis, strong acids.  
No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.  
Do not empty into drains.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.

**Occupational exposure limits** : Not available.

### Personal protective equipment

**Respiratory system** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

**Skin and body** : Not applicable.

**Hands**

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

**Eyes** : Use safety eyewear designed to protect against splash of liquids.

### Environmental exposure controls

Do not allow to enter drains or watercourses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : Liquid.

**Color** : Colorless.

**Flash point** : Closed cup: >99°C (>210.2°F) [THEORETICAL]

**Viscosity** : Kinematic: >4 cm<sup>2</sup>/s (>400 cSt)  
Kinematic (40°C): >0.07 cm<sup>2</sup>/s (>7 cSt)

**Density** : 1 g/cm<sup>3</sup>

**Boiling point** : 204 C

**Vapor pressure** : 1 hPa

**Odor** : Hydrocarbon.

## 10. STABILITY AND REACTIVITY

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

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

## 11. TOXICOLOGICAL INFORMATION

There is no data available on the preparation itself. The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Contains fatty acids, c6-19-branched, cobalt(2+) salts. May produce an allergic reaction.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
distillates (petroleum), hydrodesulfurized middle	LD Dermal	Rabbit	>2 g/kg	-
	LD Oral	Rat	>5 g/kg	-
distillates (petroleum), hydrodesulfurized middle	LD Dermal	Rabbit	>2 g/kg	-
	LD Oral	Rat	>5 g/kg	-

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**11. TOXICOLOGICAL INFORMATION**

**Conclusion/Summary** : Not available.

**Chronic toxicity**

**Conclusion/Summary** : Not available.

**Carcinogenicity**

**Conclusion/Summary** : Not available.

**Mutagenicity**

**Conclusion/Summary** : Not available.

**Teratogenicity**

**Conclusion/Summary** : Not available.

**Reproductive toxicity**

**Conclusion/Summary** : Not available.

**12. ECOLOGICAL INFORMATION**

There is no data available on the preparation itself.  
Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment but contains a substance or substances dangerous for the environment. See section 2 for details.

**Aquatic ecotoxicity**

**Conclusion/Summary** : Not available.

**Biodegradability**

**Conclusion/Summary** : Not available.

**13. DISPOSAL CONSIDERATIONS**

Do not allow to enter drains or watercourses.  
Dispose of according to all federal, state and local applicable regulations.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

**14. TRANSPORT INFORMATION**

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.**

**15. REGULATORY INFORMATION**

**EU regulations** : The product is determined as not being dangerous according to the requirements of the DPD.

**Risk phrases** : This product is not classified according to EU legislation.

**Safety phrases** : Not applicable.

**VOC for Ready-for-Use Mixture** : Not applicable.

**Europe inventory** : **Europe inventory:** All components are listed or exempted.

**Additional warning phrases** : Contains fatty acids, c6-19-branched, cobalt(2+) salts. May produce an allergic reaction. Safety Data Sheet available for professional user on request.

**Child protection** : Not applicable.

**Tactile warning of danger** : Not applicable.

## 15. REGULATORY INFORMATION

**Restrictions on the Marketing and Use Directive** : Not applicable.

**Industrial use** : The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

## 16. OTHER INFORMATION

**CEPE MSDS Code** : 8

**Full text of R-phrases referred to in sections 2 and 3 - Europe** : R65- Harmful: may cause lung damage if swallowed.  
R66- Repeated exposure may cause skin dryness or cracking.  
R53- May cause long-term adverse effects in the aquatic environment.

The information in this Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.

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**Version** : 1.04

☑ Indicates information that has changed from previously issued version.

### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.