



SAFETY DATA SHEET

Preparation Date 04-Oct-2021

Revision Date 04-Oct-2021

Revision Number 1

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

Product Identifier

Product Description	RNY-5543 OPTIDOT GLOSS BLACK
Product Identifier	3.140.1.005543
Product Class	Oil-based Lithographic Ink

Other means of identification

Recommended use of the chemical and restrictions on use

Intended Use	Printing Ink
Uses advised against	No information available

Details of the supplier of the safety data sheet

Supplier Address

Wikoff Color Corporation
1886 Merritt Rd
Fort Mill, SC 29715-9782

E-mail address	regulatory@wikoff.com
Company Phone Number	803-548-2210

Emergency telephone number

For Transportation Emergencies within the U.S. Call CHEMTREC (800) 424-9300
For Canadian Transportation Emergencies Call CANUTEC (613) 996-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory status

This preparation is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Emergency Overview

Not classified

Appearance Product Specific

Physical state Paste

Odor Resinous

Precautionary Statements - Response

Hazards not otherwise classified (HNOC)

Not applicable

Other information**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%	Trade Secret
non tox component	NONE	80 - 100	*

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURESFirst Aid Measures

General advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Skin contact	Wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if symptoms occur.
Inhalation	If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion	If ingested, do not induce vomiting. Do not give anything to drink. Contact physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURESExtinguishing media

Water spray. Carbon dioxide (CO2). Dry chemical.

Unsuitable Extinguishing Media

If one of the following is listed in Section 3 (Copper, Zinc, or Aluminum) then water, CO2, foam and ABC powder are not suitable extinguishing media. .

Special hazards arising from the substance or mixture

Combustible material. Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion productsCarbon dioxide (CO2).

Explosion Data

Sensitivity to mechanical impact No.
Sensitivity to static discharge No.

Advice for firefighters

Use personal protective equipment. Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface water or sanitary sewer system. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up

Clean contaminated surface thoroughly. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure guidelines**

If this product contains any hazardous materials with occupational exposure limits established by the region specific regulatory bodies, the information is shown directly below this statement.

Appropriate engineering controls**Engineering controls**

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses with side-shields

Skin and body protection

Protective gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General industrial hygiene practice

Handle in accordance with good industrial hygiene and safety practice. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Information on basic physical and chemical properties

Physical state
Appearance
Odor
Color

Paste
Product Specific
Resinous
No information available

Odor Threshold	No information available
PH	Not applicable
Melting point / Freezing point	Not available
Boiling point / boiling range	
Flash point	> 94 °C
Method	Calculated
Evaporation rate	No information available
Flammability Limit in Air	
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure	No information available
Vapor density	Not available
Specific Gravity	1.0185
Water solubility	Insoluble
Solubility in other solvents	No information available
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	No data available
Kinematic viscosity	No information available
Dynamic viscosity	Not available
Explosive properties	No information available
Oxidizing Properties	No information available

Other information

Weight % VOC	15.8
Weight % Solids	84.2
Density (US)	8.5

10. STABILITY AND REACTIVITY**Reactivity**

Stable under normal conditions

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

Hazardous decomposition products

None under normal processing. Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	The product itself has not been tested.
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.

Ingestion

No data available.

Information on toxicological effects**Symptoms**

May cause allergic skin reaction.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Respiratory or skin sensitization**

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

If any carcinogenic components are present, a table below will indicate which agencies have listed the substance as a carcinogen.

Reproductive toxicity

Not available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

Numerical measures of toxicity**12. ECOLOGICAL INFORMATION**ToxicityPersistence and degradability

No information available.

Bioaccumulation/ Accumulation

No information available.

Mobility in Environmental Media

Available information on the mobility of specific components is listed below.

13. DISPOSAL CONSIDERATIONSWaste treatment methodsWaste disposal methods

In accordance with local, state/provincial and national regulations.

Disposal of contaminated packaging

In accordance with local and national regulations.

US EPA Waste Number:

Consult 40 CFR Part 261

14. TRANSPORT INFORMATIONDOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

15. REGULATORY INFORMATION**Inventories**

TSCA	Complies
DSL/NDSL	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations**SARA Section 313 Toxic Chemical List**

This product does not contain any components reportable under Section 313 (40 CFR 372).

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

CERCLA**US State Regulations****California Prop. 65**

This product does not contain any California Prop 65 ingredients at levels that require consumer warning

State Right-to-Know**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

Canada

All components of this product are included on the DSL or NDSL or are not required to be listed.

This product has been classified according to GHS hazard criteria and the SDS contains all of the information required by the HPA.
Not applicable**16. OTHER INFORMATION****NFPA**

Health 1

Flammability 1

Reactivity 0

Prepared by:	Responsible Department
Preparation Date	04-Oct-2021
Revision Date	04-Oct-2021
Reason for revision:	New/Revised Formula

Disclaimer

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transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product Identifier**

Product Description	RNY-5542 OPTIDOT GLOSS CYAN
Product Identifier	3.140.1.005542
Product Class	Oil-based Lithographic Ink

Other means of identification**Recommended use of the chemical and restrictions on use**

Intended Use	Printing Ink
Uses advised against	No information available

Details of the supplier of the safety data sheet**Supplier Address**

Wikoff Color Corporation
1886 Merritt Rd
Fort Mill, SC 29715-9782

E-mail address	regulatory@wikoff.com
Company Phone Number	803-548-2210

Emergency telephone number

For Transportation Emergencies within the U.S. Call CHEMTREC (800) 424-9300
For Canadian Transportation Emergencies Call CANUTEC (613) 996-6666

2. HAZARDS IDENTIFICATION**Classification****OSHA Regulatory status**

This preparation is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements**Emergency Overview**

Not classified

Appearance Product Specific

Physical state Paste

Odor Resinous

Precautionary Statements - Response**Hazards not otherwise classified (HNOC)**

Not applicable

Other information**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%	Trade Secret
non tox component	NONE	80 - 100	*

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURESFirst Aid Measures

General advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Skin contact	Wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if symptoms occur.
Inhalation	If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion	If ingested, do not induce vomiting. Do not give anything to drink. Contact physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURESExtinguishing media

Water spray. Carbon dioxide (CO2). Dry chemical.

Unsuitable Extinguishing Media

If one of the following is listed in Section 3 (Copper, Zinc, or Aluminum) then water, CO2, foam and ABC powder are not suitable extinguishing media.

Special hazards arising from the substance or mixture

Combustible material. Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products Carbon dioxide (CO2).

Explosion Data

Sensitivity to mechanical impact No.
Sensitivity to static discharge No.

Advice for firefighters

Use personal protective equipment. Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface water or sanitary sewer system. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up

Clean contaminated surface thoroughly. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure guidelines**

If this product contains any hazardous materials with occupational exposure limits established by the region specific regulatory bodies, the information is shown directly below this statement.

Appropriate engineering controls**Engineering controls**

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses with side-shields

Skin and body protection

Protective gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General industrial hygiene practice

Handle in accordance with good industrial hygiene and safety practice. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state
Appearance
Odor
Color

Paste
Product Specific
Resinous
No information available

Odor Threshold	No information available
PH	Not applicable
Melting point / Freezing point	Not available
Boiling point / boiling range	
Flash point	> 94 °C
Method	Calculated
Evaporation rate	No information available
Flammability Limit in Air	
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure	No information available
Vapor density	Not available
Specific Gravity	1.0185
Water solubility	Insoluble
Solubility in other solvents	No information available
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	No data available
Kinematic viscosity	No information available
Dynamic viscosity	Not available
Explosive properties	No information available
Oxidizing Properties	No information available

Other information

Weight % VOC	16.9
Weight % Solids	83.1
Density (US)	8.5

10. STABILITY AND REACTIVITY**Reactivity**

Stable under normal conditions

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

Hazardous decomposition products

None under normal processing. Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	The product itself has not been tested.
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.

Ingestion No data available.

Information on toxicological effects

Symptoms May cause allergic skin reaction.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	If any carcinogenic components are present, a table below will indicate which agencies have listed the substance as a carcinogen.
Reproductive toxicity	Not available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity

12. ECOLOGICAL INFORMATION

Toxicity

Persistence and degradability

No information available.

Bioaccumulation/ Accumulation

No information available.

Mobility in Environmental Media

Available information on the mobility of specific components is listed below.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste disposal methods

In accordance with local, state/provincial and national regulations.

Disposal of contaminated packaging

In accordance with local and national regulations.

US EPA Waste Number: Consult 40 CFR Part 261

14. TRANSPORT INFORMATION

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG

Not dangerous goods

15. REGULATORY INFORMATIONInventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Federal RegulationsSARA Section 313 Toxic Chemical List

This product does not contain any components reportable under Section 313 (40 CFR 372).

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

CERCLAUS State RegulationsCalifornia Prop. 65

This product does not contain any California Prop 65 ingredients at levels that require consumer warning

State Right-to-KnowU.S. EPA Label information

EPA Pesticide registration number Not applicable

Canada

All components of this product are included on the DSL or NDSL or are not required to be listed.

This product has been classified according to GHS hazard criteria and the SDS contains all of the information required by the HPA.
Not applicable

16. OTHER INFORMATIONNFPA

Health 1

Flammability 1

Reactivity 0

Prepared by:	Responsible Department
Preparation Date	04-Oct-2021
Revision Date	04-Oct-2021
Reason for revision:	New/Revised Formula

Disclaimer

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transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product Identifier**

Product Description	RNY-5541 OPTIDOT GLOSS MAGENTA
Product Identifier	3.140.1.005541
Product Class	Oil-based Lithographic Ink

Other means of identification**Recommended use of the chemical and restrictions on use**

Intended Use	Printing Ink
Uses advised against	No information available

Details of the supplier of the safety data sheet**Supplier Address**

Wikoff Color Corporation
1886 Merritt Rd
Fort Mill, SC 29715-9782

E-mail address	regulatory@wikoff.com
Company Phone Number	803-548-2210

Emergency telephone number

For Transportation Emergencies within the U.S. Call CHEMTREC (800) 424-9300
For Canadian Transportation Emergencies Call CANUTEC (613) 996-6666

2. HAZARDS IDENTIFICATION**Classification****OSHA Regulatory status**

This preparation is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements**Emergency Overview**

Not classified

Appearance Product Specific

Physical state Paste

Odor Resinous

Precautionary Statements - Response**Hazards not otherwise classified (HNOC)**

Not applicable

Other information**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%	Trade Secret
non tox component	NONE	80 - 100	*

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURESFirst Aid Measures

General advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Skin contact	Wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if symptoms occur.
Inhalation	If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion	If ingested, do not induce vomiting. Do not give anything to drink. Contact physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURESExtinguishing media

Water spray. Carbon dioxide (CO2). Dry chemical.

Unsuitable Extinguishing Media

If one of the following is listed in Section 3 (Copper, Zinc, or Aluminum) then water, CO2, foam and ABC powder are not suitable extinguishing media. .

Special hazards arising from the substance or mixture

Combustible material. Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products Carbon dioxide (CO2).

Explosion Data

Sensitivity to mechanical impact No.
Sensitivity to static discharge No.

Advice for firefighters

Use personal protective equipment. Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface water or sanitary sewer system. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up

Clean contaminated surface thoroughly. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure guidelines**

If this product contains any hazardous materials with occupational exposure limits established by the region specific regulatory bodies, the information is shown directly below this statement.

Appropriate engineering controls**Engineering controls**

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses with side-shields

Skin and body protection

Protective gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General industrial hygiene practice

Handle in accordance with good industrial hygiene and safety practice. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state
Appearance
Odor
Color

Paste
Product Specific
Resinous
No information available

Odor Threshold	No information available
PH	Not applicable
Melting point / Freezing point	Not available
Boiling point / boiling range	
Flash point	> 94 °C
Method	Calculated
Evaporation rate	No information available
Flammability Limit in Air	
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure	No information available
Vapor density	Not available
Specific Gravity	1.0185
Water solubility	Insoluble
Solubility in other solvents	No information available
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	No data available
Kinematic viscosity	No information available
Dynamic viscosity	Not available
Explosive properties	No information available
Oxidizing Properties	No information available

Other information

Weight % VOC	14.7
Weight % Solids	85.3
Density (US)	8.5

10. STABILITY AND REACTIVITY**Reactivity**

Stable under normal conditions

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

Hazardous decomposition products

None under normal processing. Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	The product itself has not been tested.
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.

Ingestion No data available.

Information on toxicological effects

Symptoms May cause allergic skin reaction.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity If any carcinogenic components are present, a table below will indicate which agencies have listed the substance as a carcinogen.
Reproductive toxicity Not available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity

12. ECOLOGICAL INFORMATION

Toxicity

Persistence and degradability

No information available.

Bioaccumulation/ Accumulation

No information available.

Mobility in Environmental Media

Available information on the mobility of specific components is listed below.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste disposal methods

In accordance with local, state/provincial and national regulations.

Disposal of contaminated packaging

In accordance with local and national regulations.

US EPA Waste Number: Consult 40 CFR Part 261

14. TRANSPORT INFORMATION

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG

Not dangerous goods

15. REGULATORY INFORMATIONInventories

TSCA

Complies

DSL/NDSL

Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Federal RegulationsSARA Section 313 Toxic Chemical List

This product does not contain any components reportable under Section 313 (40 CFR 372).

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

CERCLAUS State RegulationsCalifornia Prop. 65

This product does not contain any California Prop 65 ingredients at levels that require consumer warning

State Right-to-KnowU.S. EPA Label information

EPA Pesticide registration number Not applicable

Canada

All components of this product are included on the DSL or NDSL or are not required to be listed.

This product has been classified according to GHS hazard criteria and the SDS contains all of the information required by the HPA.
Not applicable**16. OTHER INFORMATION**NFPA

Health 1

Flammability 1

Reactivity 0

Prepared by:

Responsible Department

Preparation Date

04-Oct-2021

Revision Date

04-Oct-2021

Reason for revision:

New/Revised Formula

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End of Safety Data Sheet



SAFETY DATA SHEET

Preparation Date 04-Oct-2021

Revision Date 04-Oct-2021

Revision Number 1

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

Product Identifier

Product Description	RNY-5540 OPTIDOT GLOSS YELLOW
Product Identifier	3.140.1.005540
Product Class	Oil-based Lithographic Ink

Other means of identification

Recommended use of the chemical and restrictions on use

Intended Use	Printing Ink
Uses advised against	No information available

Details of the supplier of the safety data sheet

Supplier Address

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E-mail address	regulatory@wikoff.com
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Emergency telephone number

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Classification

OSHA Regulatory status

This preparation is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Emergency Overview

Not classified

Appearance Product Specific

Physical state Paste

Odor Resinous

Precautionary Statements - Response

Hazards not otherwise classified (HNOC)

Not applicable

Other information**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%	Trade Secret
non tox component	NONE	80 - 100	*

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURESFirst Aid Measures

General advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Skin contact	Wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if symptoms occur.
Inhalation	If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion	If ingested, do not induce vomiting. Do not give anything to drink. Contact physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURESExtinguishing media

Water spray. Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media

If one of the following is listed in Section 3 (Copper, Zinc, or Aluminum) then water, CO₂, foam and ABC powder are not suitable extinguishing media. .

Special hazards arising from the substance or mixture

Combustible material. Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion productsCarbon dioxide (CO₂).

Explosion Data

Sensitivity to mechanical impact No.
Sensitivity to static discharge No.

Advice for firefighters

Use personal protective equipment. Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface water or sanitary sewer system. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up

Clean contaminated surface thoroughly. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure guidelines**

If this product contains any hazardous materials with occupational exposure limits established by the region specific regulatory bodies, the information is shown directly below this statement.

Appropriate engineering controls**Engineering controls**

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses with side-shields

Skin and body protection

Protective gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General industrial hygiene practice

Handle in accordance with good industrial hygiene and safety practice. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties**Physical state**

Paste

Appearance

Product Specific

Odor

Resinous

Color

No information available

Odor Threshold	No information available
PH	Not applicable
Melting point / Freezing point	Not available
Boiling point / boiling range	
Flash point	> 94 °C
Method	Calculated
Evaporation rate	No information available
Flammability Limit in Air	
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure	No information available
Vapor density	Not available
Specific Gravity	1.0197
Water solubility	Insoluble
Solubility in other solvents	No information available
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	No data available
Kinematic viscosity	No information available
Dynamic viscosity	Not available
Explosive properties	No information available
Oxidizing Properties	No information available

Other information

Weight % VOC	16.5
Weight % Solids	83.5
Density (US)	8.51

10. STABILITY AND REACTIVITY**Reactivity**

Stable under normal conditions

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

Hazardous decomposition products

None under normal processing. Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	The product itself has not been tested.
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.

Ingestion No data available.

Information on toxicological effects

Symptoms May cause allergic skin reaction.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	If any carcinogenic components are present, a table below will indicate which agencies have listed the substance as a carcinogen.
Reproductive toxicity	Not available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity

12. ECOLOGICAL INFORMATION

Toxicity

Persistence and degradability

No information available.

Bioaccumulation/ Accumulation

No information available.

Mobility in Environmental Media

Available information on the mobility of specific components is listed below.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste disposal methods

In accordance with local, state/provincial and national regulations.

Disposal of contaminated packaging

In accordance with local and national regulations.

US EPA Waste Number: Consult 40 CFR Part 261

14. TRANSPORT INFORMATION

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG

Not dangerous goods

15. REGULATORY INFORMATION**Inventories**

TSCA	Complies
DSL/NDSL	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations**SARA Section 313 Toxic Chemical List**

This product does not contain any components reportable under Section 313 (40 CFR 372).

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

CERCLA**US State Regulations****California Prop. 65**

This product does not contain any California Prop 65 ingredients at levels that require consumer warning

State Right-to-Know**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

Canada

All components of this product are included on the DSL or NDSL or are not required to be listed.

This product has been classified according to GHS hazard criteria and the SDS contains all of the information required by the HPA.
Not applicable**16. OTHER INFORMATION****NFPA**

Health 1

Flammability 1

Reactivity 0

Prepared by:	Responsible Department
Preparation Date	04-Oct-2021
Revision Date	04-Oct-2021
Reason for revision:	New/Revised Formula

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,

transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet