

SAFETY DATA SHEET

Inkcraft
Corporation

Revision Date 01-Feb-2020

Issue Date 10 -Dec-2019

PRODUCT IDENTIFICATION

Product identifier

Product Name

NW WHITE

Other means of identification

Product Code

NW WHITE

Synonyms

EX-LO WHITE, PI WHITE, WHITE 2505 RAFINE

Recommended use of the chemical and restrictions on use

Recommended Use

Textile ink.

Uses advised against

No information available

Details of the supplier of the safety data sheet

Manufacturer Address:

Inkcraft Corporation

110 Cidermill Ave. B-1

Concord, ON

L4K4L9

Tel: (905) 738-3963

E-mail address

inkcraft@bellnet.ca

Emergency telephone number

Emergency Telephone

1-800-387-4657

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

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

Label elements**Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: viscous

Physical state: Liquid
paste

Odor: Low

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Not applicable

Unknown acute toxicity

3. COMPOSITION INFORMATION ON INGREDIENTS**Substance**

Chemical Name	CAS No.	Weight-	
PVC HOMOPOLYMER RESIN	9002-86-2	15 - 40	
TITANIUM DIOXIDE	13463-67-7	5-30	

Description of first aid measures**4. FIRST AID MEASURES**

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical:

No information available.

Explosion data

None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions	Ensure adequate ventilation, especially in confined areas.
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Environmental precautions

Environmental precautions	See section 12 for additional ecological information.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage..
Methods for cleaning up	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place
Store at temperatures not exceeding 35 C 95 F.

Incompatible materials

None known .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PVC HOMOPOLYMER RESIN 9002-86-2	TWA: 1 mg/m ³ respirable Particulate matter	-	-
TITANIUM DIOXIDE 13463-67-7	-	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³ TWA: 2.4 mg/m ³ TWA: 0.3mg/m ³

NIOSH IDLH immediate Danger to Life or Health

Chemical Name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick OEL
PVC HOMOPOLYMER RESIN 9002-86-2	-	TWA: 1 mg/m ³	TWA: 1 mg/m ³	-
TITANIUM DIOXIDE 1333-86-4	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³

Chemical Name	Newfoundland OEL	Northwest Territories OEL	Nova Scotia OEL	Nunavut OEL
PVC HOMOPOLYMER RESIN 9002-86-2	TWA: 1 mg/m ³	-	TWA: 1 mg/m ³	-
TITANIUM DIOXIDE 1333-86-4	TWA: 10 mg/m ³	TWA: 10 mg/m ³ STEL: 20 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³ STEL: 20 mg/m ³

Chemical Name	Ontario OEL	Prince Edward Island OEL	Quebec OEL	Saskatchewan OEL	Yukon OEL
PVC HOMO POL YMER RESIN 9002-86-2	TWA: 1 mg/m ³	TWA: 1 mg/m ³	-	-	-
TITANIUM DIOXIDE 1333-86-4	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³ STEL: 20mg/m ³	STEL: 20 mg/m ³ TWA: 30 mg/m ³

Appropriate engineering controls

Engineering Controls

Showers
Eyewash stations
Use with Ventilation

Individual protection measures, such as personal protective equipment

Eye / face protection

Wear safety goggles.(if risk assessment indicates this is necessary.)

Skin and body protection	Wear protective gloves and protective clothing. if a risk assessment indicates this is necessary.
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 Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	paste	
Appearance	viscous	Odor : Mild
Color	white	
<u>Property</u>	<u>Values</u>	
pH	7-10	
Melting point/freezing point	No information available	
Boiling point / boiling range	226°C / 440 °F	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.3	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

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10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

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

Product Information	NA
Inhalation	NA
Eye contact	NA
Skin contact	NA
Ingestion	NA.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
TITANIUM DIOXIDE 13463-67-7	> 10000 mg/kg	-	-

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
PVC HOMOPOLYMER RESIN 9002-86-2	-	Group 3	-	-
TITANIUM DIOXIDE 13463-67-7	-	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Not classifiable as a human carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Carbon Black, to further specify, is classified as a potential carcinogen to humans by the IARC, but further specifies that exposure to carbon black does not occur because the carbon black is bound in the product (ink) matrix.

Reproductive toxicity

STOT - single exposure

STOT - repeated exposure

Target Organ Effects

Aspiration hazard

No information available.

No information available.

No information available.

Lungs, Respiratory system..

No information available

Ecotoxicity**12. ECOLOGICAL INFORMATION**

Toxic to aquatic life with long lasting effects

0 of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONSWaste treatment methodsDisposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATIONDOT

Not regulated

TDG

Not regulated

MEX

Not regulated

-

-

-

-

-

-

15. REGULATORY INFORMATION

International Inventories

TSCA
DSUNDSL

On Inventory (Yes/No)

Yes
Yes

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSUNDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title 11 of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains substance(s) listed on Proposition 65 but are encapsulated in a polymer matrix and not in their pure form. And as a consequence of the encapsulation direct exposure to the chemical does not occur. This product contains the following Proposition 65 chemicals:

Chemical Name
TITANIUM DIOXIDE
13463-67-7

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
PVC HOMOPOLYMER RESIN 9002-86-2	X	-	-
TITANIUM DIOXIDE 13463-67-7	X	-	-

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 1	Flammability1	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards1	Flammability1	Physical hazards 0	Personal protection B

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Revision Note
SDS sections updated 11 15

Disclaimer

The information provided in this Material 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, and disposal of material, and is not to be considered a warranty.

End of Safety Data Sheet