# **Material Safety Data Sheet**

Product Name Flat dot Glossy

# Section 1. PRODUCT IDENTIFICATION

1.1 Product Name: Flat dot Glossy

1.2 Relavant identified uses of substance and uses advised against

Uses advised against -

1.3 Manufacturer / Supplier

Company name: Nautra media Inc.

Address: #97, Jayumuyeok 1-gil, Gunsan-si, Jeollabuk-do, Republic of Korea

Telephone: +82-63-441-5100 Fax: +82-63-441-5150

# Section 2. HAZARDS IDENTIFICATION

# 2.1 NFPA Ratings

POLYVINYL CHLORIDE(PVC)

Health 1
Flammability 1
Reactivity 0
PULP, CELLULOSE
Health 1
Flammability 1

Flammability 1
Reactivity 0

Acrylic Copolymer

Health 1
Flammability 1
Reactivity 0

2.2 Warning Signs



#### 2.3 Other Hazards (Potential Health Effects)

Eye Contact Solid or dusts may causes several eye irritations with redness and pain

Skin Contact Inhalation of this product is unlikely
Inhalation Temporary irritation may occur
Ingestion Ingestion of this product is unlikely

#### Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is coated ink receptive layer onto base polyethylene terephthalate film.

Chemical Name	CAS Number	%wt/wt	TWA
POLYVINYL CHLORIDE(PVC)	9002-86-2	40-45	10ppm
PULP, CELLULOSE	65996-61-4	40-45	None
Acrylic Copolymer	35239-19-1	5-10	None
Additive	_	3-5	None

#### Section 4. FIRST AID MEASURES

4.1 Eye contact Immdiately flush eyes with flowing water for at least 15 minutes

4.2 Skin contact Wash exposed skin with soap and water

4.3 Inhalation Remove to fresh air

4.4 Ingestion This product is not intended to be ingested or eaten

If ingested, severe irritation of the Gastrointestinal tract may occur,

and should be treated symptomatically.

Seek medical attention

#### Section 5. FIRE FIGHTING MEASURES

5.1 Fire extinguishing media

Suitable extinguishing media Water, Form, Dry chmical, Carbon dioxide

Unsuitable extinguishing media – 5.2 Special hazard arising from the substance

Hazardous combustion products Not applicable

5.3 Fire fighting Instructions Wear protective suit and self-contained breathing apparatus with full facepiece

operated in the pressure demand or other positive mode

# Section 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Protective equipment For personal protection measures, see section 8

Emergency procedures

6.2 Environmental precautions This product is non-hazardous

6.3 Methods for cleaning up Clean up of spills requires no special equipment or procedures

#### Section 7. HANDLING AND STORAGE

7.1 Handling

handling uncontained material

Handle in accordance with good industrial hygiene and safety practices

Special handling Statements -

7.2 Storage Warehouse storage should be in accordance with package directions, if any

Product shoud be kept clean, dry, and original package

#### Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Guidelines

Internal regulations 8.2 Engineering controls -

8.3 Personal protective equipment

Respiratory Protection For most conditions, no respiratory protection should be needed

However, in dusty atmospheres, use an approved dust respirator

Eye Protection Use safety glasses

Skin Protection Any glove may be used for protection from mechanical riirtaion

#### Section 9. CHEMICAL AND PHYSICAL PROPERTIES

9.1 Appearance

Phase Matte sheet
Color White

9.2 Odor Oderless

9.3 Odor threshold N/D

9.4 pH Not applicable
9.5 Melting Point Not applicable
9.6 Boiling Point Not applicable
9.7 Flash point Not applicable
9.8 Evaporation Rate Not applicable
9.9 Flammability Not applicable
9.10 Vapor Pressure Not applicable

9.11 Solubility in wager Slight only coated surface

9.12 Vapor DensityNot applicable9.13 Specific Gravity $1.20 \sim 1.30 \text{ g/m}^{\circ}$ 9.14 Partition coefficient(n-octanol/water)Not applicable9.15 Autoignition TemperatureNot applicable9.16 Decomposition TemperatureNot applicable9.17 ViscosityNot applicable

# Section 10. STABILITY AND REACTIVITY

10.1 Stability Stable under ordinary conditions of use and storage10.2 Conditions to Avoid Avoid heat, sparks, flames and other sources of ignition

10.3 Materials to Avoid Isolate from oxidisers such as permaganates, chromates peroxides

10.4 Hazardous Decomposition Product

Carbon monoxide and carbon dioxide may from when heated to decomposition

#### Section 11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Ingestion Not relevant information found
Skin Not relevant information found
Inhalation Not relevant information found
Skin corrosion / irritation Not relevant information found
11.2 Chronic Toxicity Not relevant information found

11.3 Toxicity Data Not applicable. This product is not toxic

11.4 Subchronic Hazard / Conditions Aggravated

Conditions Aggravated None known

Cancer, Reproductive and This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGUH,

Other Chronic Hazard as of this date, greater or equal to 0.1%

# Section 12. ECOLOGICAL INFORMATION

12.1 Environmental Fate Not applicable. This product is not toxic12.1 Environmental Toxicity Not applicable. This product is not toxic

#### Section 13. DISPOSAL COSIDERATIONS

Incinerate dispose of in accordance with Federal, state or Lacal regulations

#### Section 14. TRANSPORT INFORMATION

14.1 International Information

Sea (IMO / IMDG)

Shipping Name Not applicable

Air (ICAO / IATA)

Shipping Name Not applicable

European Road / Rail (ADR / RID)

Shipping Name Not applicable
Canadian Transportation of Dangerous Goods
Shipping Name Not applicable

#### Section 15. REGULATORY INFORMATION

15.1 CERCLA (40 CFR 117,302) : This product is not regulated

15.2 Sara Title Ⅲ Section 302 Extremely Hazardous Substances (40 CFR 355) : This product is not regulated

15.3 Sara Title Ⅲ Section 311/312 Extremely Hazardous Substances (40 CFR 370)

Acute: No Chronic: No Fire: No Pressure: No Reactivity: No

15.4 Sara Title III Section 313 (40 CFR Part 372) : Not applicable 15.5 U.S Inventory (TSCA) : Not applicable : Not applicable 15.6 OSHA Hazard Communication Standard 15.7 EC Inventory (EINECS/ELINCS) : No data available 15.8 JAPAN Inventory (MITI) : No data available 15.9 AUSTRALIA Inventory (AICS) : No data available : No data available 15.10 KOREA Inventory (ECL) : No data available 15.11 CANADA Inventory (DSL) 15.12 PHILIPPINE Inventory (PICCS) : No data available

# Section 16. OTHER INFORMATION

16.1 Preparation date: 12/06/2017

16.2 Revised:

The data in this MSDS was prepared for the Flat dot Glossy sheet. Prepared by Q.C Manager, R&D Center, Natura media Inc.