

Material Safety Data Sheet

Product Name

SOLVENT SMOOTH ROLL UP BANNER MATTE

Section 1. PRODUCT IDENTIFICATION

1.1 Product Name : SOLVENT SMOOTH ROLL UP BANNER MATTE

1.2 Relevant identified uses of substance and uses advised against

Relevant identified uses Inkjet media film

Uses advised against -

1.3 Manufacturer / Supplier

Company name : Nautra media Inc.

Address : #41 Jochon-dong, Gunsan-city, Jeonbuk-province, Republic of Korea

Telephone : +82-63-441-5100

Fax : +82-63-441-5150

Section 2. HAZARDS IDENTIFICATION

2.1 NFPA Ratings

Polypropylene

Health 1

Flammability 1

Reactivity 0

Ethylene-propylene Copolymer

Health 1

Flammability 1

Reactivity 0

Methyl Methacrylate

Health 2

Flammability 3

Reactivity 2

2-Ethylhexyl 2-Propenoate

Health 2

Flammability 2

Reactivity 2

Silica

Health 1

Flammability 0

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
Polypropylene	9003-07-0	70-80	None
Ethylene-propylene Copolymer	9010-79-1	10-20	None
Methyl Methacrylate	80-62-6	5-10	None
2-Ethylhexyl 2-Propenoate	103-11-7	5-10	None
Silica	7631-86-9	1-5	None
Additive	-	1-2	None

Section 4. FIRST AID MEASURES

4.1 Eye contact	Immediately 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 chemical, 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	
Precautionary Measures	Use protective equipment as described in Section of this safety data sheet when 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 should 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 irritation

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 Density	Not applicable
9.13 Specific Gravity	0.75 ~ 0.85 g/cm ³
9.14 Partition coefficient(n-octanol/water)	Not applicable
9.15 Autoignition Temperature	Not applicable

9.16 Decomposition Temperature	Not applicable
9.17 Viscosity	Not applicable

Section 10. STABILITY AND REACTIVITY

10.1 Stability	Stable under ordinary conditions of use and storage
10.2 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 form 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 Other Chronic Hazard	This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGUH, as of this date, greater or equal to 0.1%

Section 12. ECOLOGICAL INFORMATION

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

Section 13. DISPOSAL CONSIDERATIONS

Incinerate dispose of in accordance with Federal, state or Local 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
15.6 OSHA Hazard Communication Standard	: Not applicable
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
15.10 KOREA Inventory (ECL)	: No data available
15.11 CANADA Inventory (DSL)	: No data available
15.12 PHILIPPINE Inventory (PICCS)	: No data available

Section 16. OTHER INFORMATION

16.1 Preparation date : 09/01/2007

16.2 Revised : 11/07/2013

The data in this MSDS was prepared for the SOLVENT SMOOTH ROLL UP BANNER MATTE sheet.

Prepared by Q.C Manager, R&D Center, Natura media Inc.