

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Product Name : PremierArt Print Shield Spray 1 Liter Bulk Sku #3001-106

Product Code : PGA.1

Revision No : G

Date : 06/16

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>%</u>	<u>CAS Number</u>	<u>EEC No</u>	<u>Hazard Symbol</u>	<u>Risk Phrases</u>
Isopropyl Alcohol	> 85	67-63-0	200-661-7	Flame & St Andrews Cross	R11, 36, 67
n-Butyl Acetate	< 5	123-86-4	204-658-1	St Andrews Cross	R10, 66, 67
n-Butanol	< 3	71-36-6	200-751-6	St Andrews Cross	R10, R22, 37/38, 41, 67

R10 = Flammable; R11 = Highly Flammable; R22 = Harmful if swallowed; R36/37/38 = Irritating to eyes, the respiratory system and skin; R41 = Risk of serious damage to eyes; R66 = Repeated exposure may cause skin dryness or cracking; R67 = vapors may cause drowsiness and dizziness. The remaining ingredients, do not present a health hazard within the meaning of the EC/ CHIP regulations.

3. HAZARDOUS IDENTIFICATION

Classification (CHIP) : Highly flammable

Main Health Hazards : Not expected to present any hazards to health under normal conditions of anticipated use.

4. FIRST AID

Inhalation : Move casualty to fresh air immediately. If there is respiratory distress, give oxygen and seek medical attention.

Skin Contact : Wash affected area with soap and water

Eye Contact : Rinse immediately with copious amounts of water. If redness or soreness persists, seek medical advice.

Ingestion : DO NOT induce vomiting. Encourage the casualty to drink water to dilute stomach. Avoid alcoholic drinks as this will enhance toxic effects. Seek medical advice.

5. FIRE FIGHTING MEASURES

Flammability : Highly Flammable

Combustion products : Oxides of Carbon.

Extinguishing media : Use dry powder, especially near electrical equipment. Carbon dioxide or alcohol resistant foams or water spray may also be used. Water spray may be used to keep containers cool near fire.

Do not use : Water Jet.

6. ACCIDENTAL RELEASE MEASURE

Do not allow to enter drains. Shut off all sources of ignition and wear protective clothing. Mop or soak up small spills onto paper. Absorb large spills with inert material such as sand and remove to a safe place for disposal. Flush contaminated area with plenty of water. Dispose of in accordance with Local Authority Regulations.

7. HANDLING AND STORAGE

Handling : Usual precautionary measures when handling chemicals are to be taken. Avoid contact with skin and eyes and avoid inhaling vapour. Open and handle bottle with care. Take measures against static discharge.

Fire Prevention : Avoid heat and all sources of ignition.

Storage : To be stored in a flameproof cabinet away from all sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Keep work area well ventilated.

Eye and Skin protection : Wear safety glasses and gloves if splashing is likely.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)

OCCUPATIONAL EXPOSURE LIMITS :

Substance listed in EH40/--	Long term (8 Hrs)		Short term (10 min)	
	ppm	mg/m ³	ppm	mg/m ³
Iso Propyl Alcohol	400	999	500	1250
n-Butyl Acetate	150	742	200	966
n-Butanol	n.d.a.		50	154 (skin)

9. PHYSICAL AND CHEMICAL PROPERTIES (n.d.a = No data available)

Form : Colourless liquid.	pH : Not applicable	Boiling Point : ~ 83°C
Flashpoint : ~ 11°C	Melting Point : ~ -89°C	
Vapour Pressure : ~32 mm Hg @ 20°C	Vapour Density : ~ 2.1	
Solubility in Water : Slightly soluble in water	Density : ~ 0.80 gm/cm ³	
Autoignition Point : 422°C	Explosive Limits: Lower : 2.5 % Upper : 11.5 %	

10. STABILITY AND REACTIVITY

Chemical reactivity : None known.

Decomposition products : May form oxides of carbon in a fire.

Materials / conditions to avoid : Avoid all sources of heat and ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD₅₀ : Acute / oral / rat: > 5000mg/kg

12. ECOLOGICAL INFORMATION

Iso Propyl Alcohol: Readily biodegradable; No evidence of Bio-accumulation or tainting of seafood

EC₅₀/24h/Daphnia = > 1000mg/l LC₅₀/96h/Fathead minnow = 9600mg/l

n-Butyl Acetate: LC₅₀/24h/Daphnia = 205mg/l LC₅₀/48h/Leucisus idus = 71mg/l

n-Butanol: LC₅₀/48h/Daphnia = 1983mg/l LC₅₀/96h/Leucisus idus = 1200 - 1700mg/l LC₅₀/96h/algae = > 500mg/l

13. DISPOSAL CONSIDERATIONS

Consult Local Authority for regulations regarding waste disposal

14. TRANSPORT REGULATIONS

Proper shipping name : Paint

UN Number : UN1263

IMDG code : Page 51

ICAO/IATA class : 3

Marine Pollutant :

Packing group : II

IMDG class : 3

RID/ADR : ADR Classification Code : F1

Hazard warning sign : Highly flammable

15. REGULATORY INFORMATION

CHIP labelling -

Symbol : Flame

Hazard : Highly Flammable

Contains : Isopropanol

Other suggested labelling :

Risk Phrases : R11, 36, 67

Safety phrases : S16, 23, 25

R11 = Highly flammable; R36 = Irritating to eyes; R67 = vapors may cause drowsiness and dizziness

S16 = Keep away from sources of ignition- no smoking S23 = Do not breathe the vapour; S25 Avoid contact with eyes.

16. OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.

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