

SAFETY DATA SHEET

Motion Picture F/X Company
2920 W. Magnolia Blvd
Burbank, CA 91505

Phone: 818-563-2366

Issue #: 10073

1. PRODUCT AND COMPANY IDENTIFICATION

Annex 4 reference

GHS Product identifier	PL-4	A4.3.1.1
Other means of identification	Burnt Umber	A4.3.1.2
Recommended use	Tint, colorant	A4.3.1.3
Supplier's detail	Motion Picture F/X Company 2920 W. Magnolia Blvd Burbank, CA 91505	A4.3.1.4
24hr Emergency phone Number:		
InfoTrac – US & Canada: 1800-535-5053 International: 1-352-323-3500		A4.3.1.5

2. HAZARDS IDENTIFICATION

Signal Word

Pictogram

Warning
Danger



Hazard Statement(s)

Harmful if swallowed

Causes serious eye damage

 May be harmful if swallowed and enters airways

3. COMPOSITION/INFORMATION ON INGREDIENTS

Annex 4 reference

Aspiration Hazard	This material may be an aspiration hazard before applied. Once dry this is no longer considered an aspiration hazard.	A4.3.2.3
Dust Hazard	Intended use of this material as a custom designed coating assumes that the coating will not be sanded, buffed, or treated in any other way to cause dust. Proper safety equipment including OSHA approved dust masks should be used if material is to be worked after application.	A3.3.2.3
GHS Classification for Final Product	Acute Toxicity	Cat 4 Oral
GHS Classification for Final Product	Serious eye damage/eye irritation	Cat 1
GHS Classification for Final Product	Aspiration hazard	Cat 2
Composition Information On Hazardous Ingredients		
Ingredient	Data	
Proprietary Color Pigment	<25%	
Titanium dioxide	<2% CAS No 13463-67-7	
Talc	10-15% CAS No 14807-96-6	
Carbon Black	<2% CAS No 1333-86-4	

Proprietary additive	<10%	
Silica	<0.6% CAS No 14808-60-7	
4. FIRST AID MEASURES		Annex 4 reference
Description of necessary first-aid measures	Under normal conditions simple exposure shouldn't produce any adverse effects.	A4.3.4.1
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.	A4.3.4.1.2
Skin Contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.	A4.3.4.1.2
Inhalation	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.	A4.3.4.1.2
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.	A4.3.4.1.2
Most important symptoms/effects	Not Determined	A4.3.4.2
Indication of immediate medical attention.	Not Determined	A4.3.4.3
5. FIRE FIGHTING MEASURES		Annex 4 reference
Suitable extinguishing media	Use foam, dry chemicals, or CO2	A4.3.5.1
Unsuitable extinguishing media	Do NOT use water jet	A4.3.5.1
Specific hazards arising from the chemical	Promptly isolate the scene by removing all persons from the vicinity of the incident. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to cool containers.	A4.3.5.1
Special protective actions for fire-fighters	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.	A4.3.5.3
6. ACCIDENTAL RELEASE MEASURES		Annex 4 reference
Personal precautions, protective equipment and emergency equipment	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment	A4.3.6.1
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	A4.3.6.2
Methods for cleaning up.	Transfer spill material into suitable waste drums using proper implements and dispose of in an approved manner.	A4.3.6.3
7. HANDLING AND STORAGE		Annex 4 reference
Precautions for safe handling	Use reasonable prudent industrial hygiene when handling this material. Avoid direct contact with skin and eyes and use in a well ventilated area. Smoking, eating and drinking should be prohibited in work areas.	A4.3.7.1
Precautions for safe storage	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep containers sealed and upright.	A4.3.7.2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Annex 4 reference

Control Parameters	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protection.	A4.3.8.1
Appropriate engineering controls	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation Or work process equipment should be checked to ensure they comply with the requirements	A4.3.8.2
Individual protection measures	It is recommended that eye protection, gloves, and clothing that covers exposed skin be worn. Proper foot protection when handling drums of material is strongly recommended. Employer should check and follow all federal and local regulations/requirements.	A4.3.8.3

9. PHYSICAL AND CHEMICAL PROPERTIES

Annex 4 reference

SDS Data	Physical data in this document required by OSHA. Any supplementary information available by request. (see addendum at end)	A4.3.9.1
Appearance (physical state, colour etc)	Brown Liquid	A4.3.9.1
Odour	none	A4.3.9.1
Odour threshold	high	A4.3.9.1
pH	Not Available	A4.3.9.1
Melting point/freezing point	Not Available	A4.3.9.1
Flash point (F)	212 F	A4.3.9.1
Initial boiling point and boiling range	251 F	A4.3.9.1
Evaporation rate	0.1 (butyl acetate=1.0)	A4.3.9.1
Flammability (solid, gas)	Not Available	A4.3.9.1
Upper/lower flammability or explosive limits	Not Available	A4.3.9.1
Vapour pressure	Not Available	A4.3.9.1
Vapour density	10 (air=1)	A4.3.9.1
Relative density	Approximately 1.99	A4.3.9.1
Solubility(ies)	dispersible in water	A4.3.9.1
Partition coefficient: n-octanol/water	Not Available	A4.3.9.1
Auto-ignition temperature	Not Available	A4.3.9.1
Decomposition temperature	Not Available	A4.3.9.1
Viscosity	Not Available	A4.3.9.1
% Volatile Organic Content	Not Available	A4.3.9.1

10. STABILITY AND REACTIVITY

Annex 4 reference

Reactivity	No specific test data related to reactivity available for this product.	A4.3.10.1
Chemical stability	This product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.	A4.3.10.2
Possibility of hazardous reactions	Under normal conditions of storage and use hazardous reactions will not occur.	A4.3.10.3
Conditions to avoid	Avoid excessive heat and all sources of ignition.	A4.3.10.4
Incompatible materials	Strong Oxidizing Agents.	A4.3.10.5
Hazardous decomposition products	No information available	A4.3.10.6

11. TOXICOLOGICAL INFORMATION

Annex 4 reference

Toxicological Information		A4.3.11.1
acute toxicity:	No data available.	A4.3.11.1
skin corrosion/irritation;	No data available.	A4.3.11.1
serious eye damage/irritation;	No data available.	A4.3.11.1
respiratory or skin sensitization;	No data available.	A4.3.11.1
germ cell mutagenicity	No data available.	A4.3.11.1
carcinogenicity;	No data available.	A4.3.11.1
reproductive toxicity;	No data available.	A4.3.11.1
STOT-single exposure;	No data available.	A4.3.11.1
STOT-repeated exposure: and	No data available.	A4.3.11.1
aspiration hazard	No data available.	A4.3.11.1
Information on the likely routes of exposure	No data available.	A4.3.11.7
Symptoms related to the physical, chemical and toxicological characteristics	No data available.	A4.3.11.8
Delayed and immediate effects and also chronic effects from short and long term exposure	No data available.	A4.3.11.9
Numerical measures of toxicity	No data available.	A4.3.11.10
Interactive effects	No data available.	A4.3.11.11
Where specific chemical data are not available	No data available.	A4.3.11.12
Mixtures	No data available.	A4.3.11.13
Mixture versus ingredient information	No data available.	A4.3.11.14
Other information	No data available.	A4.3.11.15
Hazardous Ingredient	Data	
Proprietary Color Pigment	>10000 mg/kg Oral (Rat)	
Titanium dioxide	>10000 mg/kg Oral (Rat)	
Talc	>5000 mg/kg Oral (Rat)	
Carbon Black	>15400 mg/kg Oral (Rat), >3 g/kg Dermal (Rabbit)	
Proprietary additive	Not Available	
Silica	500 mg/kg oral (Rat)	

12. ECOLOGICAL INFORMATION

Annex 4 reference

Ecological Information	No data available.	A4.3.12.1
Toxicity	No data available.	A4.3.12.3
Persistence and degradability	No data available.	A4.3.12.4
Bioaccumulative potential	No data available.	A4.3.12.5
Mobility in soil	No data available.	A4.3.12.6
Other adverse effects	No data available.	A4.3.12.7

13. DISPOSAL CONSIDERATIONS

Annex 4 reference

Disposal Methods	Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Avoid dispersal of spilled material and runoff and contact with soil, Waterways, drains and sewers.	A4.3.13.1
14. TRANSPORT INFORMATION Annex 4 reference		
Transport Information	The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.	A4.3.14
UN Number	Not Available or Not Applicable	A4.3.14.1
UN Proper Shipping Name	Not Available or Not Applicable	A4.3.14.2
Transport hazard class(es)	Not Available or Not Applicable	A4.3.14.3
Packing group	Not Available or Not Applicable	A4.3.14.4
Environmental hazards	Not Available or Not Applicable	A4.3.14.5
Special precautions for user	None Known	A4.3.14.6
Transport in bulk	Not Known or Not Applicable.	A4.3.14.7
15. REGULATORY INFORMATION Annex 4 reference		
Regulatory Information	As this document pertains to safety, any regulatory information available will be listed in section 2. Further regulatory information is available upon request.	A4.3.15
16. OTHER INFORMATION Annex 4 reference		
Date of Preparation	June 1, 2015	A4.3.16.a
Prepared by	Alan Berna - Technical Supervisor	A4.3.16.b
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