

Resin Tint

REVISION DATE: 05/04/2017

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1. CHEMICAL PRODUCTION AND COMPANY IDENTIFICATION

Product Name: Resin Tint
Product ID: PC-21xxx
Chemical Family: Unsaturated Polyester Resin
Synonym: Grinding Vehicle
Common Chemical Name: Resin Solution

Supplier: Chroma Craft, LLC
 102 Railroad Street
 Brooklet, GA 30415

For Chemical Emergency Call CHEMTREC (24 hours): 1-800-424-9300
 Number for non-emergency questions concerning SDS: 912-842-2653

2. HAZARD(S) IDENTIFICATION

	<u>HEALTH</u>	<u>FIRE</u>	<u>REACTIVITY</u>	<u>SPECIAL</u>
HMIS:	1	1	1	N/A
NFPA:	1	1	1	N/A
LABEL REQUIREMENTS			HEALTH 1 FIRE 1 REACTIVITY 1 PPE C	
Physical hazards				
Health Hazards	Acute Toxicity: Inhalation		Category 4	
OSHA Specific Hazards	Warning			
Signal Words	Warning			
Hazard Statement(s)	Harmful in contact with skin.			
Precautionary statement				
Prevention	P201 - Obtain special instructions before use. P280 - Wear protective gloves. Wear eye or face protection. P264 - Wash hands thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P281 - Use personal protective equipment as required.			
Response	P302 + P352 + P362-2 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. P333 + P313 - If skin irritation or rash occurs: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.			
Storage	P403 - Store in well ventilated Place. P405 - Store locked up.			
Disposal	P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.			

This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WT. %</u>	<u>TLV - TWA</u>	<u>PEL - TWA</u>
Proprietary	-	<=5	None	None

4. FIRST-AID MEASURES

EYE CONTACT	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
SKIN CONTACT	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
INHALATION	Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention if symptoms persist.
INGESTION	If swallowed, DO NOT INDUCE VOMITING. Dilute with water or milk and get immediate medical attention. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
NOTES TO PHYSICIAN	Treat symptomatically. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
AGGRAVATED MEDICAL CONDITIONS	No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.
SPECIAL PRECAUTIONS	Not applicable.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Use dry chemical, CO ₂ , water spray (fog) or foam.
SPECIAL FIREFIGHTING PROCEDURES	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
EXTINGUISHING MEDIA TO AVOID	None known.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
HAZARDOUS DECOMBUSTION PRODUCTS	Burning can produce the following products: carbon monoxide and/or carbon dioxide. Carbon monoxide is highly toxic if inhaled. Carbon dioxide in sufficient concentrations can act as an asphyxiate.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT	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).
CLEAN-UP	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container
DISPOSAL	Dispose of in accordance with local, state, and federal regulations.

7. SAFE HANDLING AND USE INFORMATION

GENERAL HANDLING:	Keep containers tightly closed and in a dry, cool and well-ventilated place. Keep away from heat and ignition sources.
OTHER STORAGE AND HANDLING:	Consult other sections of this SDS for information on reactivity and flammability.
RESPIRATORY PROTECTION:	Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
VENTILATION:	Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable osha permissible exposure limit or ACGIH's TLV limit.
SKIN PROTECTION:	Recommended for prolonged or repeated contact; rubber or neoprene. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
EYE PROTECTION:	Do not get in eyes. Safety glasses recommended.
OTHER PROTECTIVE EQUIPMENT:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

GROUNDING:	Not required in retail packaging. Handling of large quantities would require proper grounding to minimize static discharge that could ignite vapors.
OTHER PRECAUTIONS:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

8. EXPOSURE CONTROLS

RESPIRATORY PROTECTION:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
VENTILATION:	Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable osha permissible exposure limit or ACGIH's TLV limit.
SKIN PROTECTION:	Recommended for prolonged or repeated contact; rubber or neoprene.
EYE PROTECTION:	Safety glasses recommended.
OTHER PROTECTIVE EQUIPMENT:	Where contact is likely, chemical resistant gloves and safety glasses are recommended.

9. PHYSICAL DATA

COLOR	Various	FORM/APPEARANCE	Liquid
ODOR	Characteristic	BOILING POINT	>360°F
SPECIFIC GRAVITY (H₂O=1)	1-1.2	pH	N/A
FREEZING POINT	Not Available	DECOMP. TMP.	No Available
VAPOR PRESSURE	4.3 mm Hg	VAPOR DENSITY (AIR = 1)	3.6
SOLUBILITY IN H₂O	Minimal	VOLATILE BY VOL.	0%
VOLATILE BY WEIGHT	0%	VOCS, GRAMS/LTR	0
VOCS, LBS/GAL	0	AUTOIGNITION:	NOT AVAILABLE
FLASH POINT:	>200°F	FLAM. LIMITS (% in air)	Not Available

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide and Carbon Monoxide.
CONDITIONS TO AVOID:	Accelerators, alkalis, heat, sparks, incompatible materials, initiators,
INCOMPATIBILITY:	Strong oxidizing agents, acids, bases.
HAZARDOUS POLYMERIZATION:	Hazardous polymerization or instability may occur under certain conditions of storage or use.
STABILITY:	This product is stable under normal conditions. However, may polymerize which can produce heat.
CORROSIVE PROPERTIES:	Not corrosive.
OXIDIZER PROPERTIES:	Not an oxidizer.

11. TOXICOLOGICAL INFORMATION

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

TOXICOLOGY TEST DATA:

TEST	RESULT
Oral LD-50 (rat)	3,730 ppm
Dermal (rabbit) 500 mg	1,970 mg/kg Moderate irritant
Inhalation LC50 (Rat)	11.8 mg/L (4 hr vapor)
Eyes (rabbit) 100 mg	Severe irritant

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE EFFECTS	No known significant effects or critical hazards.
CHRONIC OVEREXPOSURE EFFECTS	No specific data.

Styrene is listed by IARC as a possible carcinogen to humans (Group 2B) based on "limited evidence" in humans, "limited evidence" in animals and "other relevant data". The United States NTP listed styrene as reasonably anticipated to be a human carcinogen based on "limited evidence" from studies in humans, "sufficient evidence" from studies in experimental animals, and supporting data on mechanisms of carcinogenesis. The significance of these results for humans has not been established through risk assessment.

CARCINOGENICITY	IARC	NTP	ACGIH	OSHA	MEXICO

ACGIH: (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen
 A2 - Suspected Human Carcinogen
 A3 - Animal Carcinogen

12. ECOLOGICAL INFORMATION

ECOTOXICITY	Product has a low potential for bioaccumulation.
ACUTE AQUATIC EFFECTS:	Acute LC50 28,200 µg/l Fresh water Fish - Pimephales promelas 96 hours

13. DISPOSAL CONSIDERATIONS

Discharge, treatment or disposal may be subject to national, state or local laws. Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORTATION INFORMATION

DOT (USA):	Not regulated
POSSIBLE SHIPPING DESCRIPTION(S):	

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status	Listed
WHMIS (Canada) Hazard Classification	No Data
SARA 311-312 Hazard Classification(s)	Not applicable
Carcinogenicity Classification (components present at 0.1% or more)	None, unless listed below
TSCA (US Toxic Substances Control Act)	All components are listed or exempted.
DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act)	All components are listed or exempted
EINECS (European Inventory of Existing Commercial Chemical Substances)	Not Determined.
AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme)	Not Determined.
MITI (Japanese Handbook of Existing and New Chemical Substances)	Not Determined.
ECL (Korean Toxic Substances Control Act)	Not Determined.
Philippines Inventory (PICCS)	Not Determined.
Inventory of Existing Chemical Substances in China	Not Determined.

CLEAN AIR ACT AMMENDMENTS (ODS)	Not Listed
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-PROP 65 (CARCINOGEN)

CHEMICAL NAME	CAS NUMBER

16. OTHER INFORMATION

Revision number: 0

Prepared By: Chroma Craft Environmental Health & Safety Group

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Chroma Craft, LLC. License granted to make unlimited copies for internal use only. End of SDS.....