

Safety Data Sheet

Uni-Coat Lightfast Tints - R1020

SDS Revision Date:

5/25/2017

1. Identification

1.1. Product identifier

Product Identity

Uni-Coat Lightfast Tints - R1020

Alternate Names

Uni-Coat Lightfast Tints - R1020

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

Commercial mirroring.

1.3. Details of the supplier of the safety data sheet

Company Name

Angel Gilding
1945 Gardner Rd.
Broadview IL 60155 USA

Emergency

24 hour Emergency Telephone

708-383-3340

Customer Service: Angel Gilding

708-383-3340

2. Hazard(s) identification

Label elements



Signal word

DANGER

HAZARD STATEMENTS

H304 - May be fatal if swallowed and enters airways.

H317 - May cause allergic skin reaction.

H226 - Flammable liquid and vapor.

PRECAUTIONARY STATEMENTS

P210 - Keep/Store away from heat/sparks/open flames/hot surfaces - No Smoking.

P240 - Ground/bond container and receiving equipment.

P233 - Keep container tightly closed.

P243 - Take precautionary measures against static charge.

P280 - Wear protective gloves/eye protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301 - Do NOT induce vomiting.

P261 - Avoid breathing mist/sprays.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical attention.

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P321 - Specific treatment - see section 4 of this SDS.

P370+P378 - In case of fire: Use carbon dioxide, foam or dry chemical fire extinguisher.

P363 - Wash contaminated clothing before reuse.

P403+P235 - Store in a cool, well ventilated place, keep cool.

P501 - Dispose of contents/container to licensed treatment storage facility

EFFECTS OF EXPOSURE

Eyes: Irritation upon direct contact.

Skin: Irritation and possible dermatitis.

Ingestion: Irritation to gastrointestinal tract..

Inhalation: Inhalation of high vapor concentrations may cause CNS effects, headache, dizziness

SYMPTOMS OF OVEREXPOSURE

Eyes: Redness, burning, irritation, and swelling around eyes.

Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis).

Ingestion; Nausea and vomiting, severe abdominal pain. Harmful or fatal if ingested.

Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing

ACUTE HEALTH EFFECTS

May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May be harmful if swallowed. Breathing of high vapor concentrations may cause headaches, stupor, irritation of throat and eyes, kidney effects

CHRONIC HEALTH EFFECTS

May damage the nervous system, kidney and/or liver.

TARGET ORGANS

Eyes, skin, lungs.

3. Composition/information on ingredients

CHEMICAL NAME(S)	CAS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm						
			ACGIH		OSHA			NOHSC	
			TLV	STEL	TWA	STEL	IDLH	TWA	STEL
Methanol	67-56-1	1-15	262	327	260	NA	NA	NA	NF
Acetone	67-64-1	1-15	1188	NA	2400	NA	NA	NA	NF
Xylene	1330-20-7	1-15	434	NA	435	NA	NA	NF	NF
Colored Dyes		10 - 70	NA	NA	NA	NA	NA	NA	NA

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found;

All WHMIS required information is included. It is located in appropriate sections based on the ANSI Z200.1-2010 format

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4. First aid measures

First Aid:

- Ingestion: DO NOT INDUCE VOMITING. Contact nearest Poison Control Center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Eyes: If product gets in eyes, flush eyes thoroughly with large amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately
- Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort or a skin reaction occurs, contact a physician. Do not wear contaminated clothing until cleaned
- Inhalation: Remove victim to fresh air at once. Seek immediate medical attention if breathing is difficult

Medical Conditions Aggravated by Exposure

Pre-existing dermatitis, other skin conditions, and disorders of the eyes or respiratory system or impaired kidney function may be more susceptible to the effects of this substance.

5. Fire-fighting measures

Fire and Explosion Hazard

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the materials handling point. Never use welding or cutting torch on or near drum (even empty) because material (even just residue) can ignite explosively.

Extinguishing Methods

Use dry powder, foam, carbon dioxide

Firefighting Procedures

As with any fire, firefighters should wear appropriate protective equipment including a NIOSH approved or equivalent self contained breathing apparatus and protective clothing. Fight fires as for surrounding materials. Water may be used to cool containers. If water is used, fog nozzles are preferred

6. Accidental release measures

Spills

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate personal protective equipment (PPE). Use safety glasses and face shield, gloves and other protective clothing to prevent skin contact. Insure adequate ventilation. Eliminate all source (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind. Absorb spillage with inert material and dispose of in accordance of E.P.A. and other local, state and federal authorities. For waste disposal methods, consult federal, state and local regulations. Place in closed containers. Dispose of product in accordance with these regulations

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7. Handling and storage

Work and Hygiene Practices

Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Do not expose to heat and flame, keep away from sparks. Use only in ventilated areas. Immediately clean up and decontaminate any spills or residues.

Storage and Handling:

Use and store in a cool, dry, well ventilated location (e.g., local exhaust ventilation, fans), away from heat and sources of ignition, keep away from sparks. Ground and bond all transfer equipment.

Special Precautions:

Empty containers may retain hazardous product residues. Do not reuse empty containers for other purposes.

8. Exposure controls and personal protection

Ventilation and Engineering Controls:

Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate equipment is available (eye wash station, sink, etc.).

Respiratory Protection:

NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical or mechanical filters recommended when ventilation is restricted. Do not breathe vapors or spray mist. Wear appropriate respirator during and after application unless air monitoring records vapor/mist levels below acceptable limits. Follow manufacturer directions for use

Eye Protection:

Safety glasses with side shields must be used when handling this product. A face shield is also recommended

Hand Protection:

Wear protective, chemical-resistant gloves, (e.g., neoprene) when handling this product.

Body Protection:

A chemical resistant apron and protective clothing are recommended when handling or using this product.

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9. Physical and chemical properties

Appearance:	Colored liquid
Odor:	Solvent odor
Odor Threshold:	N/A
pH:	N/A
Melting and Freezing Point:	N/A
Boiling Point/Range:	111°C - 177°C (231-350°F)
Flashpoint:	25°C (77°F)
Flammability Limits:	In air by volume: LEL 1.0%
Vapor Pressure:	Tolulene - 22.0 mm Hg
Vapor Density:	Is heavier than air
VOC:	180 g/l
Solubility:	Insoluble in water
Evaporation Rate:	14.4 (N-Butyl acetate = 1)

10. Stability and reactivity

Stability:

Stable at normal temperatures and pressures.

Hazardous Decomposition

Oxides of carbon, hydrocarbons

Hazardous Polymerization:

Will not occur

Conditions to Avoid:

Excessive heat, shock, friction, build up of static electricity

Incompatible Substances:

Strong oxidizers, bases, acids, reducing agents, metals.

11. Toxicological information

Routes of Entry

Inhalation, Absorption, Ingestion

Toxicity Data:

Methanol: LD50 (oral, rat) = 5.6 g/kg; Acetone: LD50 (oral, rat) = 5.8 g/kg; LD50 (dermal, rabbit) = 10 g/kg; Xylene: LD50 (oral, rat) = 4.3 g/kg

Acute Toxicity:

See Section 2 for acute toxicity

Chronic Toxicity:

See Section 2 for chronic toxicity

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Suspected Carcinogen:

NA

Reproductive Toxicity:

This product is not reported to cause problems with fertility or the unborn child.

Mutagenicity:

This product is not reported to cause mutagenic effects in humans.

Embryotoxicity:

This product is not reported to cause embryotoxic effects in humans.

Teratogenicity:

This product is not reported to cause teratogenic effects in humans.

Irritancy of Product:

See Section 2

Biological Exposure Indices

NE

Physician Recommendations

Treat symptomatically

12. Ecological information

Treat symptomatically

No data available

Effects on Plants & Animals

No data available

Effects on Aquatic Life:

Methanol: LC50 (Daphnia, 48h) = >10,000 mg/L, LC50 (Selenastrum carpicornutum, 72h),
22000 mg/L Acetone: LC50 (Daphnia, 48h) = > 8800 mg/L, LC50 (Oncorhynchus mykiss, 96h),
5540 mg/L

13. Disposal considerations

Waste Disposal:

Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information.

Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler.

Special Considerations:

NA

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14. Transport information

	DOT	IMDG	IATA
14.1 UN/ID	UN1263	UN1263	UN1263
14.2 Proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
14.3 Hazard Class	3	3	3
14.4 Packing Group	III	III	III

15. Regulatory information

SARA Reporting Requirements:

This product is not know to contain substances subject to SARA Title III, sections 302, 311, 312 and 313 reporting requirements.

SARA Threshold Planning Quantity

NA

TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory.

Federal and State Regulations:

Methanol is found on the following state criteria lists: Right-to-Know List, NJ, PA IL, RI. CA Proposition 65.

Acetone is found on the following state criteria lists: Right-to-Know List MA, NJ, PA.

Other Canadian Regulations

This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class B2(Flammable Liquid).

CERCLA Reportable Quantity

Acetone: 5000 lbs. Methanol: 5000 lbs.

Other Federal Requirements

NA

Other Requirements:

The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC.

Flammable. Irritating to eyes, respiratory tract and skin. Keep out of reach of children. Keep container tightly closed. Keep container in a well ventilated place. Keep way from sources of ignition. No smoking. Do not breathe fumes/mists/vapor spray.

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16. Other information

Health hazards	Flammability	<u>HMIS</u>	Reactivity	Personal Protection
2	3		0	H
Prepared By	Product Stewardship			
Revision Date	May 25, 2017			

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet