Safety Data Sheet
Uni-Coat Resin – D2008

SDS Revision Date: 5/20/2017

1. Identification

1.1. Product identifier

Product Identity	**Uni-Coat Resin – D2008**
Alternate Names	Uni-Coat Resin – D2008

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

GHS Ratings

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Reproductive toxin	2	Human or animal evidence possibly with other information

GHS Hazards

H225	Flammable liquid and vapor
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat sparks/open flames/hot surfaces • No smoking.
P233	Keep container tightly closed.

P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ ventilating equipment.
P242	Use only non- sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses ii present and easy to do ·continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use dry chemical (BC) or carbon dioxide (CO2) for extinction
P405	Store locked up.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with Local, St ate and Federal Regulations

3. Composition/information on ingredients

Chemical Name	CAS number
Benzene , 1-chloro -4- (trifluoromethyl)-·	98 -56-6
Acetone	67-64-1
Diisobutyl ketone	108-83-8
2-Heptanone, 4,6-dimethyl-	19549-80-5
2-(1-Methoxy) Proxy Acetate	108-65-6

4. First aid measures

PRIMARY ROUTES OF ENTRY:
Skin contact. Skin absorption. Inhalation. Ingestion. Eye Contact.

Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get medical attention immediately. Remove contact lenses if possible.

Skin Contact:
Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Discard contaminated leather articles such as shoes and belt. Do not apply oils or ointments unless ordered by physician.

Inhalation:
Remove to FRESH air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion:
If fully conscious, give two glasses of water, then induce vomiting by touching the back of the throat with finger. Keep head below hips to prevent aspiration of liquid into lungs. CALL A PHYSICIAN IMMEDIATELY. Never induce vomiting or give anything by mouth to an unconscious victim.

NOTE TO PHYSICIANS:
There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Individuals experiencing breathing difficulties after exposure to vapor generated in aerosol applications should be observed for at least 48 hours in case delayed respiratory complications develop.

5. Fire-fighting measures

Flash Point: -20c (-4 F) **Lower Explosive Limit:** 1.0
Upper Explosive Limit:

Flammable Limits:
Highly flammable liquid and vapor (GHS Category 2)

Fire Extinguishing Media:
ALCOHOL FOAM - CO2 - DRY CHEMICAL FOAM - WATER FOG

Unusual Fire and Explosion Hazards:
Keep containers tightly closed. Isolate from heat, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Do not use when smoking or where electrical sparks or open flame is present.

Special Firefighting Procedures:
Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

6. Accidental release measures

Steps To Be Taken In Case Material Is Released Or Spilled:
Avoid breathing solvent vapor. Ensure adequate ventilation. Avoid sparks, flames and anything which could cause fire.

Spill and Leak Procedures:
Spill supervisor: Ensure clean-up personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personal away from the contaminated area.

Small Spills:
Absorb spilled liquid with sorbent pads, socks, or other inert material such as vermiculite, sand or earth.

Large Spills:
Avoid run-off into sewers and ditches leading to waterways. Use only non-sparking tools and equipment. A vapor suppressing foam may be used. Approach the spill for upwind and place it in a suitable container. Disposal should be in accordance with Local, State and Federal Regulations.

7. Handling and storage

Storage:
Store at room temperatures, i.e. 40 to 95 F (4 to 35 C). Keep away from heat, sparks and open flame. Do not cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, flame sparks or other sources of ignition; they may explode and cause injury or death.

Grounding:
When transferring, fill stem and container must be grounded and bonded. Store in a cool, dry area with ventilation suitable for storing materials shown in Section 2.

Other Precautions:
Provide respiratory protection against fumes generated during burning. Avoid prolonged contact with skin and breathing of vapors.

8. Exposure controls and personal protection

Chemical Name/CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Benzene, 1-chloro-4-(trifluoremethyl) 98-56-5	Not established	Not established	Not established
Acetone 67-64-1	1000 ppm TWA; 2400 mg/m3 TWA	750 ppm STEL 500 ppm TWA	NIOSH: 2500 ppm TWA; 590 mg/m3 TWA
Diisobutyl ketone 108-83-8	50ppm TWA; 290 mg/m3 TWA	25 ppm TWA	NIOSH: 25 ppm TWA; 150 mg/m3 TWA
2-Heptanone, 4,6 dimethyl 19549-80-5	Not established	Not established	Not established
2-(1-Methoxy) Proxy Acetate 108-65-6	Not established	Not established	Not established

Respiratory Protection:
NIOSH/OSHA approved respirator types suitable for materials in Section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined areas.

Ventilation:
Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHU'S TVL limit.

Skin Protection:
Rubber or neoprene. Wear protective clothing sufficient to cover exposed skin surfaces. For applications where skin contact is likely, use glove and/or clothing made of neoprene rubber or butyl rubber

Eye Protection:
Chemical-type splash goggles with side shields or face shield recommended.

Other Protective Equipment:
Use protective creams where skin contact is likely. Remove and wash contaminated clothing before reuse. Clothing adequate to protect skin, eyebath and safety shower.

Hygienic Practices:
Wash hands before eating or smoking. Smoke in designated areas only.

9. Physical and chemical properties

Appearance:	Liquid dispersion	**Odor:**	Solvent
Vapor Pressure:	-99999 mmHg	**Odor Threshold:**	Not applicable
Vapor Density:	Heavier than air	**pH**	Not applicable
Specific Gravity:	1.04	**Melting Point:**	Not applicable
Freezing Point:	Not applicable	**Solubility:**	Not applicable
Boiling Range:	56 º C	**Flash Point:**	- 20 º C, - 4 º F
Evaporation Rate:	Slower than ether	**Physical State:**	Liquid
Autoignition Temperature	Not applicable	**Decomposition Temperature**	Not applicable

10. Stability and reactivity

Stability:

Components of this mixture are incompatible with the following materials:
No data found

This mixture is likely to exhibit the following combustions products:
No data found

Hazardous polymerization
Will not occur.

11. Toxicological information

Mixture Toxicity: Inhalation Toxicity LC 50: 56mg/L

Component Toxicity: No data found

Exposure to this material may affect the following organs:
Eyes Kidneys Liver Central Nervous System Skin Respiratory System

Carcinogenicity:
The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA

CAS Number	Description	% Weight	Carcinogen Rating
None			N/A

12. Ecological information

Component Ecotoxicity

Benzene, 1-chloro-4- (trifluoromethyl) 48 Hr EC50 Daphnia magna: 3.68 mg/L

Acetone 96 Hr LC50 oncorhynchus mykiss: 4.74 – 6.33 Ml/L; 96 Hr LC50 Pimephales pormelas: 6210 – 8120 mL/L [static]; 96 Hr LC50 Lepomis marochirus: 8300 mg/L
48 Hr EC50 Daphnia magna:10294 – 17704 mg/L [static]
48 Hr EC50 daphnia magna 12600 – 12700 mg/L

Diisobutyl Ketone 96 Hr LC50 oncorhynchus mykiss: 140 mg/L [semi-static]
96 Hr EC50 Psuedokirchneriella subcapita: 100 mg/L

2-(1-Methoxy) Proxy Acetate 96 Hr LC50 Pimephales pormelas: 161 mg/L [static]
48 Hr EC50 Daphnia magna: >500 mg/L

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

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

15. Regulatory information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)
WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
None

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and CFR Part 372:
None

EU Risk Phrases
R11: Highly Flammable

Safety Phrases:
S16: Keep away from sources of ignition – no smoking

16. Other information

HMIS

Health hazards	Flammability	Physical hazard	Personal Protection
2	3	1	1

Prepared By Product Stewardship
Revision Date May 4, 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