

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

1. Identification

1.1. Product identifier

Product Identity Specialty Ano-EE
Alternate Names UN1760

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

Intended use Hardcoat additive
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name U.S. Specialty Color Corporation
5624 Cannon Drive
Monroe, NC 28110

Emergency

24 hour Emergency Telephone No. 1-800-424-9300
Customer Service: U.S. Specialty Color Corporation 704-292-1476

2. Hazard(s) identification

2.1 Classification of the substance or mixture

Skin Corr. 1A;H314 Causes severe skin burns and eye damage.
Eye Dam. 1;H318 Causes serious eye damage.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

[Prevention]:

P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

P264 Wash thoroughly after handling.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P308+313 IF exposed or concerned: Get medical advice / attention.
P331: Do NOT induce vomiting.
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
P363 Wash contaminated clothing before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Hydroxy Acetic Acid-70% CAS Number: 79-14-1	40-70	Skin Corr. 1A;H314 Eye Dam. 1;H318	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

Never give anything by mouth to an unconscious person.

Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Immediately flush the eyes with large amounts of water for at least 15 minutes, alternately lifting the upper and lower eyelids. After 5 minutes, if appropriate, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Call a physician at once.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. If skin irritation persists, call a physician.
Ingestion	Get immediate medical attention. DO NOT induce vomiting. If conscious, give victim two glasses of water to dilute ingested material. If victim begins to vomit involuntarily, keep head below hips to prevent aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms: No data available.

5. Fire-fighting measures

5.1. Extinguishing media

Product will not burn. Water may be used to cool fire-exposed containers.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for fire-fighters

Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, Especially in confined areas.
----------------------	---

6.2 Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.
---------------------------	---

6.3 Methods and material for containment and cleaning up

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

Methods for containment	For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general purpose binder). Dispose of absorbed material in accordance with regulations. Large spills: Stop the flow of material if this is without risk. Dike the spilled material where this is possible. Absorb in vermiculite, dry sand or earth, and place into containers. Prevent entry into waterways, sewer, basements, or confined areas. Following product recovery, flush area with water. Collect contaminated extinguishing water separately. Do not allow to reach sewage or effluent system.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled. Wash hands and face before eating, drinking, and smoking. Put on appropriate personal protective equipment (see section 8).

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in original container, in a cool, dry location.

Keep container closed when not in use.

Store in a well-ventilated area.

Keep from freezing.

7.3 Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Engineering controls Showers, eyewash stations, ventilation systems.

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

8.2. Individual protection measures

- Respiratory** If a risk assessment indicates it is necessary, an appropriate NIOSH approved, properly fitted HEPA type respirator.
- Eyes** Use chemicals safety goggles / or a full-face shield where splashing is possible.
- Skin** Wear a rubber or plastic apron. Wear clothing suitable to avoid skin contact and clean after every shift. Wear impermeable rubber or plastic gloves.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Light amber liquid
Odor	Pungent
Odor threshold	Not Measured
pH	1.0
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	>212°F
Flash Point	>300°F
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	1.2542
Specific Gravity	Not Measured
Solubility in Water	Not Measured

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Solubility in Water	Not Measured

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

None under normal circumstances.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

Carbon oxides, steam, hydrocarbons.

11. Toxicological information

11.1. Information on toxicological effects

Symptoms No information Available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT - single exposure	No data available.
STOT - repeated exposure	No data available.
Aspiration hazard	No data available.

11.2. Acute toxicity

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

Ingredient	Oral LD50	Dermal	Inhalation LC50 4 h
Hydroxy acetic acid - 70% (79-14-1)	1950 mg/kg, rat	No data available	=710 mg/m ³ , rat

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1A	Not Applicable
Serious eye damage/irritation	1	Not Applicable
Respiratory sensitization	---	May cause allergy or asthma symptoms of breathing difficulties if inhaled.
Skin sensitization	---	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	Algae / aquatic plants	Fish	Crustacea
Hydroxy acetic acid - 70% (79-14-1)	No data available	5000: 96 h Brachydanio rerio mg/L LC50 static	No data available

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient - Hydroxy acetic acid - 70% (79-14-1): -1.11

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

13.2. Contaminated packaging

Do not reuse container.

14. Transport information

14.1. DOT

UN/ID no.:	UN1760
Proper shipping name:	Corrosive liquid, N.O.S.
Hazard class:	8
Packing Group:	II
Specialty Provisions:	B2, IB2, TII, TP2, TP27
Description:	UN1760, Corrosive liquid, N.O.S. (Hydroxy Acetic Acid-70%), 8, II

14.2. Mexico

UN/ID no.:	UN1760
Proper shipping name:	Corrosive liquid, N.O.S.
Hazard class:	8
Packing Group:	II
Description:	UN1760, Corrosive liquid, N.O.S. (Hydroxy Acetic Acid-70%), 8, II

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

HMIS Classification 300D

Safety Data Sheet

Specialty Ano-EE

Revision Date: 08/01/2019

Version: 3

Sara 311/312 Hazard Categories

Sudden Release of Pressure:	No
Fire Hazard:	No
Acute Health Hazards:	Yes
Chronic Health Hazard:	No
Reactive Hazard:	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CERLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Proposition 65:

This product does not contain any Proposition 65 chemicals.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

We believe all the data and information given is accurate as of the date of preparation and is offered in good faith, but without warranty or representation. Since conditions of use are beyond our control, we disclaim all liability for reliance thereon. This is offered solely for your consideration, investigation and verification.

End of Document