

Safety Data Sheet

[®] Prepared in Accordance with HCS 29 C.F.R. 1910.1200

1. Identification of the Substance/Mixture and the Company/Undertaking

1.1	Product Identifier	S855A1NL	Revision Date:	11/03/2023
	Product Name:	SANITILE 855 PART A	Supercedes Date:	12/06/2022
1.2	Relevant identified uses of the substance or mixture and uses advised against	Component of multicomponent industrial coatings - Industrial use.		
1.3	Details of the supplier of the safety	⁷ data sheet		
	Manufacturer:	Carboline Global Inc. 2150 Schuetz Road St. Louis, MO USA 63146 Regulatory / Technical Information: Contact Carboline Technical Services at 1-800-848-4645		
	Datasheet Produced by:	Schlereth, Ken - regulatory@carboline.com		
1.4	Emergency telephone number:	CHEMTREC 1-800-424-9300 (Inside US) CHEMTREC +1 703 5273887 (Outside US) HEALTH - Pittsburgh Poison Control 1-412-68	1-6669	

2. Hazard Identification

2.1 Classification of the substance or mixture

Hazardous to the aquatic environment, Chronic, category 3 Carcinogenicity, category 1A Flammable Liquid, category 3 Germ Cell Mutagenicity, category 1A Reproductive_ToxicityD_category_1A STOT, repeated exposure, category 2

2.2 Label elements

Symbol(s) of Product



Signal Word Danger

Named Chemicals on Label

AMORPHOUS SILICA

HAZARD STATEMENTS

Flammable Liquid, category 3 Germ Cell Mutagenicity, category 1A Carcinogenicity, category 1A Reproductive_ToxicityD_category_1A STOT, repeated exposure, category 2	H226 H340-1A H350-1A H360D-1A H373	Flammable liquid and vapour. May cause genetic defects. May cause cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated
Hazardous to the aquatic environment, Chronic, category 3	H412	exposure. Harmful to aquatic life with long lasting effects.
PRECAUTION PHRASES		
	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.
	P260	Do not breathe dust/fume/gas/mist/vapours/spray.
	P273	Avoid release to the environment.
	P284	Wear respiratory protection.
	P308+313	IF exposed or concerned: Get medical advice/attention
	P308+P313	IF exposed or concerned: Get medical advice/attention
	P314	Get medical advice/attention if you feel unwell.
	P403+233	Store in a well-ventilated place. Keep container tightly closed.
	P501	Dispose of contents/container to waste treatment/disposal facility in accordance with local, state, and federal regulations.
ADDITIONAL INFORMATION		
	Note_P 64742-95-6	Note P : The classification as a carcinogen or mutagen need not apply; the substance, CAS 64742-95-6, contains less than 0,1 % w/w benzene
2.3 Other hazards		

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. C	3. Composition/Information On Ingredients					
3.2	Mixtures					
Haza	rdous ingredients					
Name	According to EEC	EINEC No.	CAS-No.	<u>%</u>	Classifications	

70

Classifications

Date Printed: 11/03/2023

TITANIUM DIOXIDE	236-675-5	13463-67-7	25 - <50		
ALIPHATIC HYDROCARBON	265-191-7	64742-88-7	2.5 - <10	H304	
AROMATIC HYDROCARBON	265-199-0	64742-95-6	2.5 - <10	H226-304-315-319-331-335-336 -351-411	Acute Tox. 3 Inhalation, Aquatic Chronic 2, Asp. Tox. 1, Carc. 2, Eye Irrit. 2, Flam. Liq. 3, Skin Irrit. 2, STOT SE 3 NE, STOT SE 3 RTI
EB ACETATE	203-933-3	112-07-2	2.5 - <10	H312-332	Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation
1-METHOXY-2- PROPANOL ACETATE	203-603-9	108-65-6	2.5 - <10	H226	
SOLVENT NAPHTHA	265-149-8	64742-47-8	2.5 - <10	H304-315-335-336	Asp. Tox. 1, Skin Irrit. 2, STOT SE 3 NE, STOT SE 3 RTI
META-XYLENE	203-576-3	108-38-3	1.0 - <2.5	H312-315-332	Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Skin Irrit. 2
STODDARD SOLVENT	232-489-3	8052-41-3	1.0 - <2.5	H226-304	
CARBON BLACK	215-609-9	1333-86-4	1.0 - <2.5		
AMORPHOUS SILICA	231-545-4	7631-86-9	1.0 - <2.5	H335-372	STOT RE 1, STOT SE 3 RTI
ETHYL BENZENE	202-849-4	100-41-4	0.1 - <1.0	H225-304-332-373-412	Acute Tox. 4 Inhalation, Aquatic Chronic 3, Asp. Tox. 1, Flam. Liq. 2, STOT RE 2
METHYL ETHYL KETOXIME	202-496-6	96-29-7	0.1 - <1.0	H302-312-317-318-332-351	

CAS-No. **M-Factors** 13463-67-7 64742-88-7 64742-95-6 112-07-2 108-65-6 64742-47-8 108-38-3 8052-41-3 1333-86-4 7631-86-9 100-41-4 96-29-7 CAS No 13463-67-7: Note 10 **Remarks:**

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First-aid Measures

4.1 Description of First Aid Measures

AFTER INHALATION: Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

AFTER SKIN CONTACT: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation persists, call a physician.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

AFTER INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call

a poison control centre or doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed. Irritating to eyes and skin. Risk of serious damage to the lungs (by aspiration). Vapours may cause drowsiness and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

When symptoms persist or in all cases of doubt seek medical advice.

5. Fire-fighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Provide adequate ventilation. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Electrical installations / working materials must comply with the technological safety standards. Wear shoes with conductive soles.

FOR SAFETY REASONS NOT TO BE USED: No Information

5.2 Special hazards arising from the substance or mixture No Information

5.3 Advice for firefighters

SPECIAL FIREFIGHTING PROCEDURES: In the event of fire, wear self-contained breathing apparatus. Cool containers / tanks with water spray. Flammable.

SPECIAL FIREFIGHTING PROTECTION EQUIPMENT: No Information

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

No Information

7. Handling and Storage

7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Prepare the working solution as given on the label(s) and/or the user instructions. Do not breathe vapours or spray mist. Ensure all equipment is electrically grounded before beginning transfer operations. Do not use sparking tools. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation/personal protection. Wash thoroughly after

handling.

PROTECTION AND HYGIENE MEASURES : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Heat, flames and sparks.

STORAGE CONDITIONS: Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3 Specific end use(s)

No specific advice for end use available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits

(US)

Name	CAS-No.	ACGIH TWA	ACGIH STEL	ACGIH Ceiling
TITANIUM DIOXIDE	13463-67-7	10 mg/m3	N/E	N/E
ALIPHATIC HYDROCARBON	64742-88-7	N/E	N/E	N/E
AROMATIC HYDROCARBON	64742-95-6	300.0 PPM	N/E	N/E
EB ACETATE	112-07-2	20 PPM	N/E	N/E
1-METHOXY-2-PROPANOL ACETATE	108-65-6	N/E	N/E	N/E
SOLVENT NAPHTHA	64742-47-8	100.0 PPM	N/E	N/E
META-XYLENE	108-38-3	100 PPM	150 PPM	N/E
STODDARD SOLVENT	8052-41-3	100 ppm	N/E	N/E
CARBON BLACK	1333-86-4	3 MGM3	N/E	N/E
AMORPHOUS SILICA	7631-86-9	10.0 MG/M3	N/E	N/E
ETHYL BENZENE	100-41-4	20 PPM	125 ppm	
METHYL ETHYL KETOXIME	96-29-7	N/E	N/E	N/E
Name	CAS-No.	<u>OSHA PEL</u>	OSHA ST	EL
TITANIUM DIOXIDE	13463-67-7	15 MGM3	N/E	
ALIPHATIC HYDROCARBON	64742-88-7	N/E	N/E	
AROMATIC HYDROCARBON	64742-95-6	500.0 PPM	N/E	
EB ACETATE	112-07-2	N/E	N/E	
1-METHOXY-2-PROPANOL ACETATE	108-65-6	N/E	N/E	
SOLVENT NAPHTHA	64742-47-8	500.0 PPM	N/E	
META-XYLENE	108-38-3	100.00 PPM	N/E	
STODDARD SOLVENT	8052-41-3	525 MGM3, 1 PPM	00 N/E	
CARBON BLACK	1333-86-4	3.5 MGM3	N/E	
AMORPHOUS SILICA	7631-86-9	15.0 mg/m3	N/E	

ETHYL BENZENE	100-41-4	435 MGM3, 100 PPM	545 MGM3, 125 PPM
METHYL ETHYL KETOXIME	96-29-7	N/E	N/E

FURTHER ADVICE: Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Use only with ventilation to keep levels below exposure guidelines reported in this document. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use State or federally approved supplied air respirator. For silica containing coatings in a liquid state, and/or if no exposure limits are established above, air-supplied respirators are generally not required.

EYE PROTECTION: Safety glasses with side-shields.

HAND PROTECTION: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier. Lightweight protective clothing

OTHER PROTECTIVE EQUIPMENT: Ensure that eyewash stations and safety showers are close to the workstation location. **ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

9. Physical and Chemical Properties

9.1	Information on basic physical and chemical properties Appearance:	Viscous Liquid, Various Colors
	Physical State	Liquid
	Odor	Solvent
	Odor threshold	N/D
	pH	N/D
	Melting point / freezing point (°C)	N/D
	Boiling point/range (°C)	168 F (76 C) - 424 F (218 C)
	Flash Point (°C)	102F (38C)
	Evaporation rate	Slower Than Ether
	Flammability (solid, gas)	Not determined
	Upper/lower flammability or explosive limits	0.6 - 12.7
	Vapour Pressure, mmHg	N/D
	Vapour density	Heavier than Air
	Relative density	Not determined
	Solubility in / Miscibility with water	N/D
	Partition coefficient: n-octanol/water	Not determined
	Auto-ignition temperature (°C)	Not determined
	Decomposition temperature (°C)	Not determined
	Viscosity	Unknown
	Explosive properties	Not determined

	Oxidising properties	Not determined
9.2	Other information	
	VOC Content g/l:	306
	Specific Gravity (g/cm3)	app. 1.34

10. Stability and Reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

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11,	. Toxicological Informatio	n
11.1	Information on toxicological effe	ects
	Acute Toxicity:	
	Oral LD50:	N/D
	Inhalation LC50:	N/D
	Irritation:	Unknown
	Corrosivity:	Unknown
	Sensitization:	Unknown
	Repeated dose toxicity:	Unknown
	Carcinogenicity:	Unknown
	Mutagenicity:	Unknown
	Toxicity for reproduction:	Unknown
	STOT-single exposure:	No Information
	STOT-repeated exposure:	No Information
	Aspiration hazard:	No Information

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50	Gas LC50	<u>Dust/Mist</u> LC50
13463-67-7	TITANIUM DIOXIDE	25000 mg/kg, oral (rat)	No Information	No Information	No Information	No Information
64742-88-7	ALIPHATIC HYDROCARBON	>2000 mg/kg, oral, rat	Not Available	>700 ppm/4 hrs (rat)	0.000	0.000
64742-95-6	AROMATIC HYDROCARBON	2001 mg/kg, rat	2001 mg/kg, rabbit	9 mg/l, rat, 4hr	0.000	0.000
112-07-2	EB ACETATE	2400 mg/kg, oral, rat		450 PPM / 4 hr, rat, inh	0.000	0.000
108-65-6	1-METHOXY-2-PROPANOL ACETATE	8532 mg/kg, oral (rat)	>5000 mg/kg	101 ppm/4 hr, rat, inh	0.000	0.000
64742-47-8	SOLVENT NAPHTHA	Not Available	Not Available	Not Available	0.000	0.000
108-38-3	META-XYLENE	No Information	No Information	No Information	No Information	No Information
8052-41-3	STODDARD SOLVENT	6001 mg/kg, oral, rat	Not Available	5500 mg/m3, 4h, inhalation	0.000	0.000
1333-86-4	CARBON BLACK	8000 mg/kg oral, rat	No Information	No Information	No Information	No Information
100-41-4	ETHYL BENZENE	3500 mg/kg rat, oral	>5000 mg/l, dermal rabbit	17.2 mg/L Inh, Rat, 4Hr	No Information	No Information

96-29-7	METHYL ETHYL KETOXIME	>900 mg/kg, oral, rat	Not Available	>10 mg/l / 4h, Inh, rabbit	0.000	0.000
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Additional Information:

This product may contain Ethyl Benzene, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form or progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group 1 carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. Constituents may also include abestiform or non-asbestiform tremolite or other silicates as impurities, and above dei minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

12. Ecological Information

12.1	Toxici	ty:			
	EC	50 48hr (Daphnia):	Unknown		
	IC5	0 72hr (Algae):	Unknown		
	LC	50 96hr (fish):	Unknown		
12.2	Persis	tence and degradability:	Unknown		
12.3	Bioace	cumulative potential:	Unknown		
12.4 Mobility in soil:			Unknown		
12.5 Results of PBT and vPvB assessment:			The product does not meet	the criteria for PBT/VPvB	in accordance with Annex XI
12.6 Other adverse effects:			Unknown		
CAS-N	<u>No.</u>	Chemical Name	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
13463	8-67-7	TITANIUM DIOXIDE	No information	No information	No information
64742	2-88-7	ALIPHATIC HYDROCARBON	No information	No information	No information
64742	2-95-6	AROMATIC HYDROCARBON	No information	No information	No information
112-0	7-2	EB ACETATE	No information	No information	No information
108-6	5-6	1-METHOXY-2-PROPANOL ACETATE	No information	No information	No information
64742	2-47-8	SOLVENT NAPHTHA	No information	No information	No information
108-3	8-3	META-XYLENE	No information	No information	No information
8052-4	41-3	STODDARD SOLVENT	No information	No information	No information
1333-	86-4	CARBON BLACK	No information	No information	No information
7631-	86-9	AMORPHOUS SILICA	No information	10000 mg/l (Algae)	10000 mg/l (Zebra fish)
100-4	1-4	ETHYL BENZENE	1.8 mg/l (Daphnia Magna)	4.6 mg/l (Green Algae)	4.2 mg/l (Rainbow Trout)
96-29-	-7	METHYL ETHYL KETOXIME	No information	No information	No information

13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

17.		
14.1	UN number	UN 1263
14.2	UN proper shipping name	Paint
	Technical name	N/A
14.3	Transport hazard class(es)	3
	Subsidiary shipping hazard	N/A
14.4	Packing group	111
14.5	Environmental hazards	Unknown
14.6	Special precautions for user	Unknown
	EmS-No.:	F-E, S-E
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Unknown

15. Regulatory Information

^{15.1} Safety, health and environmental regulations/legislation for the substance or mixture:

U.S. Federal Regulations: As follows -

CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Reproductive toxicity, Specific target organ toxicity (single or repeated exposure), Germ cell mutagenicity

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.	<u>%</u>
META-XYLENE	108-38-3	1.84
ETHYL BENZENE	100-41-4	0.81
COBALT 2-ETHOXYLHEXANOATE	136-52-7	0.12
MANGANESE OXIDE	1313-13-9	0.1

Toxic Substances Control Act:

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

Chemical Name

No TSCA 12(b) components exist in this product.

U.S. State Regulations: As follows -

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

Chemical Name POLYESTER NEPHELINE SYENITE

CAS-No. TRADE SECRET 37244-96-5

CAS-No.

Product: S855A1NL

Pennsylvania Right-To-Know

The following non-hazardous ingredients are present in the product at greater than 3%.

Chemical Name	<u>CAS-No.</u>
POLYESTER	TRADE SECRET
NEPHELINE SYENITE	37244-96-5
YELLOW IRON OXIDE	51274-00-1
CALIFORNIA PROPOSITION 65	

WARNING: Cancer and Reproductive Harm -- www.P65Warnings.ca.gov

International Regulations: As follows -

* Canadian DSL:

No Information

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

	0 0
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Reasons for revision

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

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