

Safety Data Sheet

in accordance with HSNO

Date of issue: 04.08.2026

Revised On: 04.08.2026

1 Identification of the substance or mixture and of the supplier

Other means of identification

Trade name: GRAY E-COAT

Article number: 0000162421

Product category: PC9a Paints and coatings.

Process category: PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

Application of the substance / the mixture: Painting and coating.

Uses advised against: Any that differs from the recommended use.

Manufacturer/Supplier: Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178
phone: 815-895-9101 www.seymourpaint.com

Emergency telephone number: 815-895-9101 if located outside the United States

2 Hazards identification

Classification of the substance or mixture

Aerosols Category 1	H222-H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
Eye irritation Category 2	H319	Causes serious eye irritation.
Carcinogenicity – Category 2	H351	Suspected of causing cancer. Route of exposure: Inhalation.
Reproductive toxicity Category 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity - single exposure Category 3	H336	May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure Category 2	H373	May cause damage to organs through prolonged or repeated exposure.

Additional information:

Hazard pictograms



GHS02 GHS07 GHS08

Signal word

Danger

Hazard-determining components of labelling:

Acetone
Toluene
methyl isobutyl ketone
titanium dioxide

Hazard statements

Extremely flammable aerosol. Pressurized container: may burst if heated.
Causes serious eye irritation.
Suspected of causing cancer. Route of exposure: Inhalation.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.

Precautionary statements

May cause damage to organs through prolonged or repeated exposure.
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Obtain special instructions before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection / face protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/Information on ingredients

Chemical characterisation: Mixtures Classification according to HSNO Act 1996---2.1.2A Flammable Aerosols

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 115-10-6 EINECS: 204-065-8	dimethyl ether Flammable gases Category 1A, H220; Gases under pressure – Compressed gas, H280; Acute inhalation toxicity Category 2, H330	25-50%
CAS: 67-64-1 EINECS: 200-662-2	Acetone Flammable liquids Category 2, H225; Eye irritation Category 2, H319; Specific target organ toxicity - single exposure Category 3, H336 Specific concentration limit: Specific target organ toxicity - single exposure Category 3; H336: C ≥ 10 %	15-25%

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CAS: 540-88-5 EINECS: 208-760-7	tert-butyl acetate Flammable liquids Category 2, H225	10-15%
CAS: 108-88-3 EINECS: 203-625-9	Toluene Flammable liquids Category 2, H225; Reproductive toxicity Category 2, H361; Specific target organ toxicity - repeated exposure Category 2, H373; Skin irritation Category 2, H315; Specific target organ toxicity - single exposure Category 3, H336	≥5-<10%
CAS: 108-10-1 EINECS: 203-550-1	methyl isobutyl ketone Flammable liquids Category 2, H225; Carcinogenicity – Category 2, H351; Acute inhalation toxicity Category 4, H332; Eye irritation Category 2, H319; Specific target organ toxicity - single exposure Category 3, H336	1-5%
CAS: 13463-67-7 EINECS: 236-675-5	titanium dioxide Carcinogenicity – Category 2, H351	1-5%
CAS: 111-76-2 EINECS: 203-905-0	Glycol Ether EB Acute dermal toxicity Category 3, H311; Acute inhalation toxicity Category 3, H331; Acute oral toxicity Category 4, H302; Skin irritation Category 2, H315; Eye irritation Category 2, H319; Flammable liquids Category 4, H227	1-5%
CAS: 110-19-0 EINECS: 203-745-1	Isobutyl Acetate Flammable liquids Category 2, H225	1-5%
CAS: 64742-47-8 EINECS: 265-149-8	Mineral Spirits Flammable liquids Category 3, H226	1-5%

4 First aid measures

After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Generally the product does not irritate the skin.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Do not induce vomiting; call for medical help immediately.
Information for doctor:	
Most important symptoms and effects, both acute and delayed	Dizziness
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5 Fire fighting measures

Extinguishing agents:	CO2, powder or water spray. Fight larger fires with water spray.
Unsuitable extinguishing agents:	Water
Special hazards arising from the substance or mixture	Can form explosive gas-air mixtures.
Protective equipment:	Mount respiratory protective device.
Additional information	Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental precautions:	Do not allow product to reach sewage system or any water course.
Methods and material for containment and cleaning up:	Dispose contaminated material as waste according to section 13.

7 Handling and storage

Precautions for safe handling	Use only in well ventilated areas.
Fire/explosion protection:	Keep respiratory protective device available. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.
Conditions for safe storage, including any incompatibilities	
Requirements to be met by storerooms and receptacles:	Suitable material for receptacles and pipes: steel or stainless steel.
Information about storage in one common storage facility:	Not available.
Specific end use(s)	No further relevant information available.

8 Exposure controls/personal protection

Ingredients with limit values that require monitoring at the workplace:

115-10-6 dimethyl ether

WES	Short-term value: 958 mg/m ³ , 500 ppm
	Long-term value: 766 mg/m ³ , 400 ppm

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67-64-1 Acetone

WES Short-term value: 2375 mg/m³, 1000 ppm
Long-term value: 1185 mg/m³, 500 ppm
bio

540-88-5 tert-butyl acetate

WES Short-term value: 192 mg/m³, 40 ppm
Long-term value: 96 mg/m³, 20 ppm

108-88-3 Toluene

WES Short-term value: 377 mg/m³, 100 ppm
Long-term value: 75 mg/m³, 20 ppm
skin, oto, bio

108-10-1 methyl isobutyl ketone

WES Short-term value: 307 mg/m³, 75 ppm
Long-term value: 82 mg/m³, 20 ppm
skin

111-76-2 Glycol Ether EB

WES Short-term value: 98 mg/m³, 20 ppm
Long-term value: 49 mg/m³, 10 ppm
skin

110-19-0 Isobutyl Acetate

WES Short-term value: 713 mg/m³, 150 ppm
Long-term value: 238 mg/m³, 50 ppm

Exposure controls**General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
Do not eat or drink while working.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves
Neoprene gloves
The glove material has to be impermeable and resistant to the product.
Tightly sealed goggles

Eye protection:**9 Physical and chemical properties**

Appearance: Aerosol.
Odour: Aromatic
Odour threshold: Not determined.
pH-value: Not determined.
Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: -24.9 °C (-12.8 °F)
Flash point: -19 °C (-2.2 °F)
Flammability: Extremely flammable.
Auto-ignition temperature: 235 °C (455 °F)
Decomposition temperature: Not determined.
Ignition temperature: Product is not selfigniting.
Explosive properties: In use, may form flammable/explosive vapour-air mixture.
Lower: 3 Vol %
Upper: 18.6 Vol %
Vapour pressure: Not determined.
Density at 20 °C (68 °F): 0.8 g/cm³ (6.7 lbs/gal)
Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not applicable.
Solubility: Fully miscible.
Partition coefficient: n-octanol/water: Not determined.
Viscosity: Not determined.
Dynamic: Not determined.
Kinematic: Not determined.
Water: 0.0 %
Other information
Particle characteristics Not applicable.
Physical state Aerosol

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Possibility of hazardous reactions No dangerous reactions known.
Conditions to avoid No further relevant information available.

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Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity--- Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

115-10-6 dimethyl ether

Inhalative LC50/4 h 308 mg/l (rat)

108-10-1 methyl isobutyl ketone

Oral	LD50	2,100 mg/kg (rat)
Dermal	LD50	16,000 mg/kg (rab)
Inhalative	LC50/4 h	11 mg/l (ATE)
		8.3-16.6 mg/l (rat)

13463-67-7 titanium dioxide

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

111-76-2 Glycol Ether EB

Oral	LD50	1,200 mg/kg (ATE)
		1,480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
Inhalative	LC50/4 h	3 mg/l (ATE)

110-19-0 Isobutyl Acetate

Oral	LD50	4,763 mg/kg (rabbit)
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Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Suspected of causing cancer. Route of exposure: Inhalation.
Reproductive toxicity	Suspected of damaging fertility or the unborn child.
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Based on available data, the classification criteria are not met.

12 Ecological information

Aquatic toxicity:	No further relevant information available.
Persistence and degradability	The product is biodegradable after prolonged adaptation.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
General notes:	Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities.

13 Disposal considerations

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 Transport information

UN-Number	UN1950
NZS, IMDG, IATA	UN1950
UN proper shipping name	
NZS	1950 AEROSOLS
Transport hazard class(es)	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	2.1
Packing group	
NZS, IMDG, IATA	Void
Environmental hazards:	Not applicable.
Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-

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EMS Number: F-D,S-U
Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

Transport/Additional information:

NZS
Limited quantities (LQ) 1L
Transport category 2
Tunnel restriction code D

IMDG

Limited quantities (LQ) 1L
UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15 Regulatory information

New Zealand Inventory of Chemicals

115-10-6	dimethyl ether
67-64-1	Acetone
540-88-5	tert-butyl acetate
28262-63-7	Acrylic Resin
108-88-3	Toluene
108-10-1	methyl isobutyl ketone
13463-67-7	titanium dioxide
111-76-2	Glycol Ether EB
110-19-0	Isobutyl Acetate
64742-47-8	Mineral Spirits
14807-96-6	Talc
64742-89-8	VM&P Naphtha
2807-30-9	Glycol Ether EP
1330-20-7	xylene (mix)
64742-88-7	Solvent naphtha (petroleum), medium aliph.
51274-00-1	Yellow Iron Oxide
108-65-6	PM acetate
100-41-4	ethyl benzene
8052-41-3	Stoddard Solvent
8002-43-5	Soya Lecithin
1333-86-4	Carbon black
64-17-5	ethyl alcohol
25013-15-4	vinyl toluene
147-14-8	Copper Phthalocyanine
68953-58-2	Alkyl Quaternary Ammonium Montmorillonite
141-78-6	ethyl acetate
67-56-1	methanol
64742-95-6	Solvent naphtha, light aromatic
67-63-0	Isopropyl Alcohol
123-86-4	butyl acetate

HSNO Approval numbers

115-10-6	dimethyl ether	HSR000995
67-64-1	Acetone	HSR001070
540-88-5	tert-butyl acetate	HSR001094
108-88-3	Toluene	HSR001227
108-10-1	methyl isobutyl ketone	HSR001194
111-76-2	Glycol Ether EB	HSR001154
110-19-0	Isobutyl Acetate	HSR001092

Hazard-determining components of labelling:

Acetone
Toluene
methyl isobutyl ketone
titanium dioxide

Directive 2012/18/EU
Named dangerous substances - ANNEX I
Seveso category

None of the ingredients is listed.
P3a FLAMMABLE AEROSOLS

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Qualifying quantity (tonnes) for the application of lower-tier requirements

150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

Waterhazard class:

Water danger class 3 (Self-assessment): extremely hazardous for water.

16 Other information

Relevant phrases

H220 Extremely flammable gas.
 H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H227 Combustible liquid.
 H280 Contains gas under pressure; may explode if heated.
 H302 Harmful if swallowed.
 H311 Toxic in contact with skin.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H330 Fatal if inhaled.
 H331 Toxic if inhaled.
 H332 Harmful if inhaled.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer.
 H361 Suspected of damaging fertility or the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.

Department issuing SDS:

Technical Services