

SAFETY DATA SHEET

Revision Date: 3/14/16



This Safety Data Sheet may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 910.1200 and ANSI Z400-1-1998.

Section 1: Identification of the Product and of the Company

Trade Name	Black Seal
Product Description	Mixture
General Use	Protectant/Wipe
Supplier	Commodore Sales LCC
Address	11002 Trade Road North Chesterfield, VA 23235
Phone	(804) 794-1992
Fax	(804) 794-8333
Infotrac	1-800-535-5053 (24 hour)
Outside U.S.	1-352-232-3500

Section 2: Hazards Identification

Possible Hazards 69% of the mixture consists of ingredient(s) of unknown acute toxicity.

Signal Word Danger

Hazard Statement(s)	H224	Extremely flammable liquid and vapor.
	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
	H332	Harmful if inhaled.
	H335	May cause respiratory irritation.

Pictogram(s)



Precautionary Statement(s)	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.
	P261	Avoid breathing dust, fumes, gases, mists, vapors, or spray.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
	P305+ P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P337 + P313	If eye irritation persists: Get medical advice/attention.
	P362	Take off contaminated clothing.
	P403 +	Store in a well-ventilated place. Keep container tightly

P233	closed.
P403 +	Store in a well-ventilated place. Keep cool.
P235	
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

Section 3: Composition/Information on Ingredients

HAZARDOUS SUBSTANCES

Chemical Name	CAS #	Weight % Range	GHS Symbols	GHS Statements
tert-Butyl Acetate	540-88-5	25-50	GHS02	H225
Resin	PROPRIETARTY	25-50	Not available	Not available
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	25-50	GHS07	H315-319-332-335
Benzaldehyde	100-52-7	1.0-2.5	GHS07	H302-312
Reheology modifier	PROPRIETARTY	0.1-1.0	Not available	Not available

Section 4: First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.
Skin Contact	Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty expressed, get medical assistance immediately.
Ingestion	Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

Section 5: Firefighting Measures

Extinguishing Media	Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog
Unusual Fire and Explosion Hazards	Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. No unusual fire or explosion hazards noted.
Special Firefighting Procedures	Water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Section 6: Accidental Release Measures

Steps to be Taken if Material is Released or Spilled

Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

Section 7: Handling and Storage

Handling

Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

Storage

Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120°F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Products should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

Section 8: Exposure Controls/Personal Protection

Chemical Name	CAS #	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL- TWA	OSHA PEL- CEILING
tert-Butyl Acetate	540-88-5	40.0	200 ppm	N.E.	200 ppm	N.E.
Resin	PROPRIETARY	30.0	N.E.	N.E.	N.E.	N.E.
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	30.0	N.E.	N.E.	N.E.	N.E.
Benzaldehyde	100-52-7	5.0	N.E.	N.E.	N.E.	N.E.
Reheology modifier	PROPRIETARY	1.0	N.E.	N.E.	N.E.	N.E.

Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an

uncontrolled release, exposure levels are not known or in any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection	Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.
Eye Protection	Use safety eyewear designed to protect against splash of liquids.
Other Protective Equipment	Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.
Hygienic Practices	Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Section 9: Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Sweet	Odor Threshold:	N.E.
Relative Density:	0.304	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	No Information
Solubility in Water:	Water Reactive	Partition Coefficient, n-octanol/water:	N.D.
Decomposition Temp, °C	N.D.	Explosive Limits, vol%:	0.9 – 10.5
Boiling Range, °C:	-18 – 139	Flash Point, °C:	14
Flammability:	Supports Combustion	Auto Ignition Temp, °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

Section 10: Stability and Reactivity

Conditions to Avoid	Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.
Incompatibility	Incompatible with strong oxidizing agents, strong acids and strong alkalis.
Hazardous Decomposition	By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.
Hazardous Polymerization	Will not occur under normal conditions.
Stability	This product is stable under normal storage conditions.

Section 11: Toxicological Information

Effects of Overexposure

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation. Allergic reactions are possible.
Inhalation	Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High

vapor concentrations are irritating to the eyes, nose, throat, and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Chronic Hazards

High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Primary Route(s) of Entry

Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS #	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
540-88-5	tert-Butyl Acetate	4100 mg/kg Rat	N.I.	>2230 mg/m ³ (Rat, 4hr)
98-56-6	1-Chloro-4-(Trifluoromethyl) Benzene	13000 mg/kg Rat	>2684 mg/kg Rabbit	33 mg/L Rat
100-52-7	Benzaldehyde	1292 mg/kg Rat	>1250 mg/kg Rabbit	N.I.

N.I. – No Information

Section 12: Ecological Information

Product is a mix of listed components.

Section 13: Disposal Considerations

Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

Section 14: Transportation Information

	Domestic (USDOT)	International (IMDG)	Air (IATA)	TDG (Canada)
UN Number:	N.A.	1263	1263	N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Paint	Paint	Paint Products in Limited Quantities
Hazard Class:	N.A.	3	3	N.A.
Packing Group:	N.A.	II	II	N.A.
Limited Quantity:	Yes	Yes	No	Yes

Section 15: Regulatory Information

US Federal Regulations

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: Fire Hazard, Acute Health Hazard, Chronic Health Hazard.

Sara Section 313

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 40 CFR part 372: No Components exist.

Toxic Substance Control Act

The products contains the following chemical substance subject to the reporting requirements of TSCA 12(b) if exported from the US:

CAS #: 98-56-6

Chemical Name: 1-Chloro-4-(Trifluoromethyl) Benzene

Section 16: Other Information

HMIS Ratings

Health:2 Flammability:4 Physical Hazard:0 Personal Protection: X

NFPA Ratings

Health:2 Flammability:4 Instability: 0

Key: 4=severe, 3=serious, 2=moderate, 1=slight, 0=minimal

Volatile Organic Compounds, g/L:

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Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person. Proximate cause by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.