Safety Data Sheet

Date of issue: 08/07/2025 Revised On 08/07/2025

1 Identification of the substance and manufacturer

Trade name: **DARK SHIELD BULK**
Other means of identification

Product code: 80-2225
Article category
Recommended use: Paint and coatings application.
Uses advised against: Any that differs from the recommended use.
Manufacturer/Supplier: Kimball Midwest
4800 Roberts Road
Columbus, OH 43228
800-233-1294
www.kimballmidwest.com
Emergency telephone number: ChemTrec: 800-424-9300

2 Hazard(s) identification

Classification of the substance or mixture

Flammable liquids 2	H225 Highly flammable liquid and vapor.
Eye irritation 2A	H319 Causes serious eye irritation.
Sensitization - skin 1	H317 May cause an allergic skin reaction.
Carcinogenicity 1B	H350 May cause cancer.
Specific target organ toxicity (repeated exposure) 2	H373 May cause damage to the central nervous system and the lung through prolonged or repeated exposure.

Additional information:
GHS Hazard pictograms

GHS02 GHS07 GHS08

Signal word Danger
Hazard statements
Highly flammable liquid and vapor.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause cancer.
May cause damage to the central nervous system and the lung through prolonged or repeated exposure.

Precautionary statements
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground / bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing fume/mist/vapors/spray.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Wear protective gloves.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
If eye irritation persists: Get medical advice/attention.
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures
Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:		
8052-41-3	Stoddard Solvent	15-25%
108-65-6	PM acetate	5-10%
110-19-0	Isobutyl Acetate	5-10%
67-64-1	Acetone	≥5-<10%
14807-96-6	Talc	5-10%

(Contd. on page 2)

Safety Data Sheet

Date of issue: 08/07/2025 Revised On 08/07/2025

Trade name: DARK SHIELD BULK

(Contd. of page 1)

1333-86-4	Carbon black	1-5%
	Benzene, ethenyl-, polymer with 1,3-butadiene	1-5%
	1,3-Butadiene, 2-methyl-, homopolymer	1-5%
64742-47-8	Mineral Spirits	1-5%
64742-48-9	Naphtha, hydrotreated heavy	1-5%
64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	1-5%

4 First-aid measures

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects: No further relevant information available.
Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Special hazards: No further relevant information available.
Protective equipment for firefighters: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Not required.
Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.

7 Handling and storage

Precautions for safe handling Use only in well ventilated areas.
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.
Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

8052-41-3 Stoddard Solvent	
PEL (USA)	Long-term value: 2900 mg/m³, 500 ppm
REL (USA)	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min
TLV (USA)	Long-term value: 525 mg/m³, 100 ppm
108-65-6 PM acetate	
WEEL (USA)	Long-term value: 50 ppm
110-19-0 Isobutyl Acetate	
PEL (USA)	Long-term value: 700 mg/m³, 150 ppm
REL (USA)	Long-term value: 700 mg/m³, 150 ppm
TLV (USA)	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm
67-64-1 Acetone	
PEL (USA)	Long-term value: 2400 mg/m³, 1000 ppm
REL (USA)	Long-term value: 590 mg/m³, 250 ppm
TLV (USA)	Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm A4, BEI
1333-86-4 Carbon black	
PEL (USA)	Long-term value: 3.5 mg/m³
REL (USA)	Long-term value: 3.5* mg/m³ *0.1 in presence of PAHs;See Pocket Guide Apps.A+C
TLV (USA)	Long-term value: 3* mg/m³ *inhalable fraction, A3
1,3-Butadiene, 2-methyl-, homopolymer	
TLV (USA)	Long-term value: 0.0001 mg/m³ Skin, DSEN, RSEN

(Contd. on page 3)

Safety Data Sheet

Date of issue: 08/07/2025 Revised On 08/07/2025

Trade name: DARK SHIELD BULK

(Contd. of page 2)

Ingredients with biological limit values:

67-64-1 Acetone

BEI (USA)	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)

Hygienic protection: Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Store protective clothing separately.
Do not eat or drink while working.

Breathing equipment: Not required.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Physical state Liquid
Odor:
Odor threshold: Not determined.
Melting point/Melting range Undetermined.
Boiling point: 90.5 °C (194.9 °F)
Flammability: Highly flammable.
Lower Explosion Limit: Not determined.
Upper Explosion Limit: Not determined.
Flash point: 16 °C (60.8 °F)
Flammability (solid, gas): Highly flammable.
Decomposition temperature: Not determined.
pH-value: Not determined.
Viscosity: Not determined.
Solubility: Not determined.
Vapor pressure: Not determined.
Relative Density:
Vapor density Not determined.
Particle characteristics Not applicable.
Appearance: Liquid.
Ignition temperature: Product is not self-igniting.
Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Water: 0.0 %
Evaporation rate Not determined.
Partition coefficient: n-octonal/water: Not determined.

10 Stability and reactivity

Reactivity:
Conditions to avoid: No decomposition if used according to specifications.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

108-65-6 PM acetate		
Oral	LD50	8,500 mg/kg (rat)
Inhalative	LC50/4 h	35.7 mg/l (rat)
110-19-0 Isobutyl Acetate		
Oral	LD50	4,763 mg/kg (rabbit)
1333-86-4 Carbon black		
Oral	LD50	10,000 mg/kg (rat)
64742-48-9 Naphtha, hydrotreated heavy		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rab)

Information on toxicological effects: No data available.
Skin effects: No irritant effect.
Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.

(Contd. on page 4)

Safety Data Sheet

Date of issue: 08/07/2025 Revised On 08/07/2025

Trade name: DARK SHIELD BULK

(Contd. of page 3)

Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), per and polyfluoroalkyl substances (PFA's), or chlorinated solvents.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number
DOT UN1263
DOT Paint
ADR 1263 PAINT (vapour pressure at 50°C not more than 110 kPa)
Transport hazard class(es):
Class 3 Flammable liquids
Special precautions for user: Warning: Flammable liquids
EMS Number: F-E,S-E
Stowage Category B
UN "Model Regulation": UN 1263 PAINT (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 3, II

15 Regulatory information

SARA Section 355 (extremely hazardous substances):
None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

Toxic Substances Control Act (TSCA): All ingredients are found on the inventory list of substances.
Canadian Domestic Substances List (DSL): All ingredients are listed or exempted.
Consumer Product Safety Comission (CPSC): This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

1333-86-4	Carbon black

Prop 65 chemicals known to cause birth defects or reproductive harm:
None of the ingredients is listed.

EPA:

110-19-0	Isobutyl Acetate	D
67-64-1	Acetone	I

16 Other information

Contact: Regulatory Affairs