

## Safety Data Sheet

Printing date 06/09/2022

Revised On 06/09/2022

## 1 Identification of the substance and manufacturer

**Trade name:** DARK SHIELD  
**Product code:** 80-2225  
**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. Route of exposure: Inhalation.

Additional information:  
GHS Hazard pictograms

GHS02 GHS07 GHS08

Signal word  
Hazard statements

Danger  
 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. Route of exposure: Inhalation.  
 Obtain special instructions before use.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention.  
 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
 Store locked up.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

## Precautionary statements

## 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%
1333-86-4	Carbon black	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%
	ethyl methyl ketoxime	≥0.2-<1%

## 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.

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**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/m<sup>3</sup>, 500 ppm  
REL (USA) Long-term value: 350 mg/m<sup>3</sup>  
Ceiling limit value: 1800\* mg/m<sup>3</sup>  
\*15-min  
TLV (USA) Long-term value: 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/m<sup>3</sup>, 150 ppm  
REL (USA) Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
TLV (USA) Short-term value: 150 ppm  
Long-term value: 50 ppm

**67-64-1 Acetone**

PEL (USA) Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppm  
REL (USA) Long-term value: 590 mg/m<sup>3</sup>, 250 ppm  
TLV (USA) Short-term value: 500 ppm  
Long-term value: 250 ppm  
A4, BEI

**1333-86-4 Carbon black**

PEL (USA) Long-term value: 3.5 mg/m<sup>3</sup>  
REL (USA) Long-term value: 3.5\* mg/m<sup>3</sup>  
\*0.1 in presence of PAHs; See Pocket Guide Apps.A+C  
TLV (USA) Long-term value: 3\* mg/m<sup>3</sup>  
\*inhalable fraction, A3

**ethyl methyl ketoxime**

WEEL (USA) Long-term value: 10 ppm  
DSEN

**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.

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Eye protection: Tightly sealed goggles

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**9 Physical and chemical properties**

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

**10 Stability and 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 (rbt)
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**1333-86-4 Carbon black**

Oral	LD50	10,000 mg/kg (rat)
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**64742-48-9 Naphtha, hydrotreated heavy**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rab)

**ethyl methyl ketoxime**

Oral	LD50	100 mg/kg (ATE)
		3,700 mg/kg (rat)
Dermal	LD50	1,100 mg/kg (ATE)
		200-2,000 mg/kg (rat)
Inhalative	LC50/4 h	20 mg/l (rat)

**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.  
**Other information:** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), 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.

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**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 UN1263  
 DOT Paint  
 DOT Paint  
 ADR 1263 Paint  
 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, 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 hazardous ingredients are found on the inventory list of substances.

**Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempted.

**Consumer Product Safety****Commission (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
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**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