

MATERIAL SAFETY DATA SHEET

Formula: A125-10
MSDS No.: 1

Home Hardware Stores Limited

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Section 1 - Product and Company Identification

Brand Name: WEATHER SHIELD
Item Number: A125-10
Material Code: 1823-004, 1823-001
Chemical Family: AEROSOL RUST COAT GLOSS BLACK
Intended Use: AEROSOL-PAINT
Preparation Date: 27 October 2015
Prepared By: AEROSOL LAB **Phone Number:** 519-449-2441

Emergency Phone Number: (613) 996-6666

Supplier:

Home Hardware Stores Limited
6 Brian Drive
Burford, ON
N0E 1A0

Manufacturer:

Home Hardware Stores Limited
6 Brian Drive
Burford, ON
N0E 1A0

Section 2 - Composition/Information on Ingredients

CAS No.	Description	LC50 (ml/m ³)	LD50 oral (mg/kg)	LD50 Dermal (mg/kg)	Range
95-63-6	1,2,4-TRIMETHYLBENZENE	36000 (rat)	5000 (rat)	N/AV	0.1% - 1.0%
1333-86-4	CARBON BLACK, AMORPHOUS	N/AP	10000 (rat)	N/AV	0.1% - 1.0%
64742-95-6	NAPHTHA SOLVENT(PETROLEUM), LIGHT AROMATIC	10386 (rat)	8400 (rat)	3480 (rabbit)	1.0% - 5.0%
108-65-6	PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	10644 (rat)	8532 (rat)	5000 (rabbit)	3.0% - 7.0%
75-28-5	ISOBUTANE	285000 (rat)	N/AV	N/AV	5.0% - 10%
8032-32-4	VM&P NAPHTHA	6800 (rat)	5000 (rat)	N/AV	7.0% - 13%
108-88-3	TOLUENE	17600 (rat)	5050 (rat)	12225 (rabbit)	10% - 30%
74-98-6	PROPANE	N/AV	N/AV	N/AV	10% - 30%
67-64-1	ACETONE	34000 (rat)	1750 (rat)	16000 (rabbit)	15% - 40%

Section 3 - Hazards Identification

Emergency Overview: Flammable aerosol. Contents under pressure.

Potential Health Effects

Routes of Entry: Eye contact, skin contact, skin absorption, inhalation, and ingestion.

Eye: May cause eye irritation.

Skin contact: May cause skin irritation.

Skin contact: Exposure to rapidly expanding gas or vapourizing liquid may cause frostbite (cold burn).

Inhalation: High gas, vapour, mist or dust concentrations may be harmful if inhaled.

Ingestion: May be harmful if swallowed.

Effects of Chronic Exposure to Product: Not available.

Effects Of Acute Exposure: HARMFUL-INHALATION, SKIN & EYE IRRITANT

Section 4 - First Aid Measures

Eye contact: Flush immediately with water for 15 mins. Get medical attention.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Special training of first aid providers is required. Get medical attention.

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Ingestion: Get medical attention immediately. Substance may be harmful if swallowed.

Skin contact: Wash with soap and water.

Section 5 - Fire Fighting Measures

Flash Point: LESS THAN -4C
Flash Point Method: CLOSED CUP
Upper Flammable Limit: 13%
Lower Flammable Limit: 1%
Autoignition: 245 - 530C
Hazardous Combustion Products: OXIDES OF CARBON
Means of Extinction: WATER FOG, DRY CHEMICAL, FOAM
Conditions Of Flammability: FLAMMABLE

Explosion Data

Mechanical Impact: NOT SENSITIVE
Static Discharge: VAPOR MAY CATCH FIRE

Section 6 - Accidental Release Measures

Absorb spill with inert material. Do not use combustible materials such as saw dust.

Prevent material from entering sewers or confined spaces.

Dispose of in accordance with regional regulations.

Section 7 - Handling and Storage

Handling Procedures and Equipment: Use only in well vented areas.

Handling Procedures and Equipment: Avoid contact with eyes, skin, and clothing.

Handling Procedures and Equipment: Avoid breathing vapor, mist, or gas.

Storage Requirements: Keep away from heat, sparks and flame.

Storage Requirements: Keep away from sources of ignition.

Storage Requirements: Contents under pressure. Do not expose to heat or store above specified temperature.

Storage Requirements: Keep away from sources of ignition. Store away from sources of high heat. Keep away from food and drink.

Section 8 - Exposure Control/Personal Protection

Specific Engineering Controls: If user operations generate dust, fume, or mist, use ventilation to minimize exposure.

Specific Engineering Controls: Use adequate ventilation to reduce airborne vapour levels.

Specified Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Section 9 - Physical and Chemical Properties

Appearance: OPAQUE BLACK LIQUID
Odour: AROMATIC AND KETONE SOLVENT
Vapour Pressure: 55-65 PSIG @ 22C
Vapour Density: >1 (AIR = 1)
Physical State: AEROSOL
Boiling Point: MIXTURE, -42 TO 143C

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Freezing/Melting Point:	-95C
pH:	N/AP
Evaporation Rate:	FASTER THAN BUTYL ACETATE
Coefficient water/oil distr.:	N/AV
Odour Threshold:	N/AV
Specific Gravity:	0.7432

Section 10 - Stability and Reactivity

Stability: Yes.

Conditions to Avoid: High temperatures.

Conditions to Avoid: Sources of ignition, mechanical shock, high temperature.

Section 11 - Toxicological Information

Sensitization to Product: Not available.

Carcinogenicity: Contains suspected human carcinogen-carbon black.

Reproductive Toxicity: May affect reproductive system from toluene component (insufficient evidence).

Teratogenicity: Maternal toxicity from toluene and acetone in animals.

Teratogenicity: Maternal toxicity from naphtha solvent (light aromatic petroleum).

Mutagenicity: Not available.

Name of Toxicologically Synergistic Products: Contains ethylbenzene, its break down in the liver is inhibited by alcohol & other chemicals. Also contains xylene which, when combine with solvents (benzene, toluene, ethanol) enhances effects.

Irritancy of Product: Contains acetone, toluene, xylene and pigments which can cause moderate skin irritation and severe eye irritation. Pigment effect is from possible mechanical abrasion.

Section 12 - Ecological Information

Not Available.

Section 13 - Disposal Considerations

Contact your local municipal office for specific disposal guidelines in your region.

Section 14 - Transport Information

TDG Road Classification	
Shipping Name:	AEROSOLS - flammable
Class:	2.1
Packing Group:	N/AP
UN #:	UN1950
Limited Quantity Exemption:	1 LITRE

Section 15 - Regulatory Information

WHMIS Classification: A, B5, D2A, D2B

P.C.P. Registration #: N/AP

EPA Registration #: N/AP

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Canadian National Fire Code 3.3.5 aerosol storage level 3.

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Section 16 - Other Information

N/AV: Not available
N/AP: Not applicable
NR: Not regulated

Information for this material safety data sheet was obtained from sources considered accurate and reliable, and was prepared to the best of Home Hardware Stores Limited knowledge. Actual conditions of use and handling beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, Provincial and local laws and regulations.
