Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

Printing date: 21.02. 2014 **Revision:** 21.02. 2014

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Top Coat Chassis Black - Non-Aerosol

Article No.: 45901, 45904, 45908

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the preparation: Coating Compound/ Surface Coating/Paint

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Absolute Coatings Inc.
38 Portman Road
New Rochelle, NY 10801
Phone: 1-800-221-8010

1.4 Emergency telephone number:

ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/200

GHS02 flame

Flam. Liq. 3; H226: Flammable liquid and vapour.

GHS08 health hazard

Muta. 1B; H340: May cause genetic defects.
Carc. 1B; H350: May cause cancer.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.

R10: Flammable.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02 GHS08

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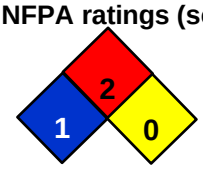
Signal word: Danger
Hazard-determining components of labelling:
Stoddard solvent
Hazard statements
H226: Flammable liquid and vapour.
H340: May cause genetic defects.
H350: May cause cancer.

Precautionary statements
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P281: Use personal protective equipment as required.
P233: Keep container tightly closed.
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378: In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:
Contains Zirconium Carboxylate, A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane. May produce an allergic reaction.
Restricted to professional users.
Hazard description: WHMIS-symbols:
B3 - Combustible liquid
D2A - Very toxic material causing other toxic effects

NFPA ratings (scale 0 - 4)



Health = 1
Fire = 2
Reactivity = 0

HMIS-ratings (scale 0 - 4)

HEALTH	1
FIRE	2
REACTIVITY	0

Health = 1
Fire = 2
Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures.

HMIS Long Term Health Hazard Substances	
8052-41-3	Stoddard solvent

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with nonhazardous additions

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CAS: 112926-00-8	Precipitated silica (Silica-Amorphous) substance with a Community workplace exposure limit	2.5-10%
CAS: 8052-41-3 EINECS: 232-489-3 Index number: 649-345-00-4	Stoddard solvent Xn R65; R10 Flam. Liq. 3, H226 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	2.5-10%
CAS: 22464-99-9 EINECS: 241-197-8	Zirconium Carboxylate Xi R36/38; Xi R43; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	< 2.5%
CAS: 96-29-7 ELINCS: 406-930-7 Index number: 606-082-00-X	A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane T R48/25; Xi R43; R52/53 Acute Tox. 2, H310 STOT RE 1, H372 Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412	< 2.5%

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures
General information:
Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.
After inhalation:
Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.
In case of irregular breathing or respiratory arrest provide artificial respiration.
In case of unconsciousness place patient stably in side position for transportation.
After skin contact:
Immediately wash with water and soap and rinse thoroughly.
Do not pull solidified product off the skin.
If skin irritation continues, consult a doctor.
After eye contact:
Immediately remove contact lenses if possible.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
A person vomiting while laying on their back should be turned onto their side.

4.2 Most important symptoms and effects, both acute and delayed
Breathing difficulty
Coughing
Thirst
Disorientation
Cramp
Nausea
Slight irritant effect on skin and mucous membranes.
Slight irritant effect on eyes.

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Dizziness
Headache

Hazards:
Danger of pulmonary oedema.
Danger of disturbed cardiac rhythm.
Condition may deteriorate with alcohol consumption.
Danger of impaired breathing.

4.3 Indication of any immediate medical attention and special treatment needed
If swallowed, gastric irrigation with added, activated carbon.
If swallowed or in case of vomiting, danger of entering the lungs.
Do not administer preparations of the adrenalin-ephedrine-group.
Medical supervision for at least 48 hours.

5 Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
For safety reasons unsuitable extinguishing agents: Water with full jet.
5.2 Special hazards arising from the substance or mixture
During heating or in case of fire poisonous gases are produced.
5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Additional information:
Cool endangered receptacles with water fog or haze.
Eliminate all ignition sources if safe to do so.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.
Protect from heat.
Particular danger of slipping on leaked/spilled product.
6.2 Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.
Prevent from spreading (e.g. by damming-in or oil barriers).
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.
Do not flush with water or aqueous cleansing agents
Clean the affected area carefully; suitable cleaners are: Organic solvent
6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

7.1 Precautions for safe handling
Avoid splashes or spray in enclosed areas.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Use only in well ventilated areas.
Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Do not spray onto a naked flame or any incandescent material.
Protect against electrostatic charges.
Keep respiratory protective device available.
Emergency cooling must be available in case of nearby fire.
Flammable gas-air mixtures may form in empty receptacles.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Provide ventilation for receptacles.
Avoid storage near extreme heat, ignition sources or open flame.
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidizing agents.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Keep container tightly sealed.
Store in a cool place.
7.3 Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.
8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
112926-00-8 Precipitated silica (Silica-Amorphous)	
PEL (USA)	20mppcf or 80mg/m3 /%SiO2
REL (USA)	Long-term value: 6 mg/m³ See Pocket Guide App. C
TLV (USA)	TLV withdrawn
EL (Canada)	Long-term value: 4* 1,5** mg/m³ *total; **respirable
EV (Canada)	Long-term value: 10 mg/m³
8052-41-3 Stoddard solvent	
PEL (USA) REL (USA) TLV (USA) EL (Canada) EV (Canada)	Long-term value: 2900 mg/m³, 500 ppm Short-term value: C 1800* mg/m³ Long-term value: 350 mg/m³ *15-min Long-term value: 525 mg/m³, 100 ppm Short-term value: 580 mg/m³ Long-term value: 290 mg/m³ Long-term value: 525 mg/m³

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96-29-7 A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane	
WEEL (USA)	Long-term value: 10 ppm DSEN

DNELs: No further relevant information available.
PNECs: No further relevant information available.
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
Pregnant women should strictly avoid inhalation or skin contact.
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Do not eat, drink, smoke or sniff while working.
Avoid close or long term contact with the skin.
Avoid contact with the eyes.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Respiratory protection:
Suitable respiratory protective device recommended.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used.
Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:

Safety glasses

Body protection: Protective work clothing
Limitation and supervision of exposure into the environment
No further relevant information available.
Risk management measures
See Section 7 for additional information.
No further relevant information available.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:
Form: Liquid

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Colour:	Black
Odour:	Turpentine-like
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	428 °F / 220 °C
Flash point:	104 °F / 40 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	446 °F / 230 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower:	1.1 Vol %
Upper:	6.0 Vol %
Vapour pressure:	Not determined.
Density at 20 °C:	0.77 g/cm³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
9.2 Other information:	No further relevant information available.

10 Stability and reactivity

10.1 Reactivity
10.2 Chemical stability:
Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications
10.3 Possibility of hazardous reactions
Flammable.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
Toxic fumes may be released if heated above the decomposition point.
Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.
10.4 Conditions to avoid:
Keep ignition sources away - Do not smoke.
Store away from oxidizing agents.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products:
Carbon monoxide and carbon dioxide
Toxic metal oxide smoke
Toxic metal compounds

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11 Toxicological information

11.1 Information on toxicological effects
Acute toxicity:
Primary irritant effect:
On the skin: Slight irritant effect on skin and mucous membranes.
On the eye: Slight irritant effect on eyes.
Sensitization: Sensitization possible through skin contact.
Subacute to chronic toxicity:
Inhalation of concentrated vapours as well as oral intake will lead to anesthesia-like conditions and headache, dizziness, etc.
Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
The product can cause deformations.
Product is suspected to cause birth defects.
Vapours have narcotic effect.
Acute effects (acute toxicity, irritation and corrosivity):
Vapours have narcotic effect.
Carcinogenic.
The product can cause inheritable damage.
In addition to local irritant manifestations, there is a narcotic effect when inhaling high concentrations, with the danger of central respiratory arrest.
Sensitisation: Sensitization possible by inhalation and/or dermal contact.
Repeated dose toxicity:
Repeated exposures may result in skin and/or respiratory sensitivity.
May cause damage to organs through prolonged or repeated exposure.
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
Muta. 1B, Carc. 1B

12 Ecological information

12.1 Toxicity
Aquatic toxicity: The product contains materials that are harmful to the environment.
12.2 Persistence and degradability: The product is partially biodegradable. Significant residuals remain.
12.3 Bioaccumulative potential: No further relevant information available.
12.4 Mobility in soil: No further relevant information available.
Ecotoxical effects:
Remark:
The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
Additional ecological information:
General notes:
The product contains heavy metals. Avoid transfer into the environment. Specific preliminary treatments are necessary
Water hazard 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.
Danger to drinking water if even extremely small quantities leak into the ground.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects: No further relevant information available.

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13 Disposal considerations

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

14 Transport information

14.1 UN-Number	
DOT, ADR, IMDG, IATA:	UN1263
14.2 UN Proper Shipping Name	
DOT, IMDG, IATA:	Paint
ADR:	1263 PAINT
14.3 Transport hazard class(es)	
DOT:	
	
Class:	3 Flammable liquids.
Label:	3
ADR:	
	
Class:	3 (F1) Flammable liquids.
Label:	3
IMDG, IATA:	
	
Class:	3 Flammable liquids.
Label:	3
14.4 Packing group	
DOT, ADR, IMDG, IATA:	III
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user:	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-E,S-E

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ):	5L
Transport category:	3
Tunnel restriction code:	D/E
UN "Model Regulation":	UN1263, PAINT, 3, III

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)
SARA

Section 355 (extremely hazardous substances):
None of the ingredients is listed.

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

TSCA (Toxic Substances Control Act):
All ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:
Reference to Carbon Black is based on unbound respirable particles and is not generally applicable to product as supplied.

1333-86-4	Carbon black

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

Carcinogenic Categories

EPA (Environmental Protection Agency)
None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

112926-00-8	Precipitated silica (Silica-Amorphous)	3
1333-86-4	Carbon black	2B

TLV (Threshold Limit Value established by ACGIH)

1333-86-4	Carbon black	A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

1333-86-4	Carbon black

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

Canada

Canadian Domestic Substances List (DSL)
All ingredients are listed.

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Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	
Canadian Ingredient Disclosure list (limit 1%)	
8052-41-3	Stoddard solvent
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H310: Fatal in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H340: May cause genetic defects.
H350: May cause cancer.
H372: Causes damage to organs through prolonged or repeated exposure.
H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.
R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.
R48/25: Toxic: danger of serious damage to health by prolonged exposure if swallowed.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.

Abbreviations and Acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

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