



Safety Data Sheet

This safety data sheet complies with the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 24-Jun-2015

Revision Number 2

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code W10000
Product Name SWEPCO Heavy Duty Roof Coating

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

Recommended Use Solvent-borne coating

Uses advised against Any non-label use

1.3. Details of the supplier of the safety data sheet

Importer

NV Southwestern Petroleum Europe SA
Industrieweg 6
B-2390 Oostmalle
BELGIUM
www.swepcolube.com
Email: swepco@edpnet.be
Fax: 011-323-311-7277
Telephone: 011-323-312-3141

Manufacturer

NV Southwestern Petroleum Europe SA
Industrieweg 6
B-2390 Oostmalle
BELGIUM
www.swepcolube.com
Email: swepco@edpnet.be
Fax: 011-323-311-7277
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Telephone: 011-323-312-3141

1.4. Emergency telephone number

Emergency Telephone Belgium Office: 011-323-312-3141
US Office: +01-817-332-2336

Emergency Telephone - §45 - (EC)1272/2008

Europe	112
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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration toxicity	Category 1 - (H304)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements

Product Identifier
SWEPCO Heavy Duty Roof Coating

Contains Petroleum distillates, hydrotreated light



Signal Word

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

2.3. Other hazards

11.9777% of the mixture consists of ingredient(s) of unknown toxicity.

16.0758 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

No other information available.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name	EC No.	CAS-No	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Diatomaceous earth	-	61790-53-2	0 - 10%	No data available	None Required
Cellulose	232-674-9	9004-34-6	0 - 10%	No data available	None Required
Petroleum distillates, hydrotreated light	265-149-8	64742-47-8	30 - 40%	Asp. Tox. 1 (H304)	None Required
Attapulgite	-	12174-11-7	0 - 10%	No data available	None Required
Graphite	231-955-3	7782-42-5	0 - 10%	No data available	None Required
Copper(II) dimethyldithiocarbamate	205-287-8	137-29-1	0 - 10%	No data available	None Required
Non-respirable quartz	238-878-4	14808-60-7	0 - 10%	No data available	05-2115857448-32-000

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Skin Contact

Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion

Call a physician or Poison Control Center immediately. Do not induce vomiting without medical advice. If vomiting occurs, keep head below hips to prevent aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

No other information available.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Dry chemical, foam or carbon dioxide (CO₂). Cool containers with flooding quantities of water until well after fire is out.

Unsuitable Extinguishing Media

Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Combustion Products

Hydrogen sulfide (H₂S) may be produced above 250° F (121° C). Decomposition and combustion products may be toxic.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Use inert absorbent materials to confine spills and absorb spill.

Methods for Clean-up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling

Ensure adequate ventilation.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Keep container tightly closed in a dry and well-ventilated place.

Incompatible Materials

Strong oxidizing agents.

7.3. Specific end use(s)

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits

If there are exposure limits set for any components of this product, they will be listed below. Keep in mind, however, that these exposure levels are for pure concentrations of these ingredients:

Chemical Name	EU OEL	United Kingdom	France	Spain	Germany
Diatomaceous earth 61790-53-2				VLA-ED: 10 mg/m ³ VLA-ED (inhalable fraction, this value is for the particulated matter that is free from asbestos and contains less than 1% of crystalline silica); 3 mg/m ³ VLA-ED (respirable fraction, this value is for the particulated matter that is free from asbestos and contains less than 1% of crystalline silica)	-
Cellulose 9004-34-6			TWA: 10 mg/m ³	VLA-ED: 10 mg/m ³ VLA-ED	-
Graphite 7782-42-5			TWA: 2 mg/m ³	VLA-ED: 2 mg/m ³ VLA-ED (dust)	-
Non-respirable quartz 14808-60-7			TWA: 0.1 mg/m ³	-	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Diatomaceous earth 61790-53-2	-	TWA: 3 mg/m ³ TWA: 10 mg/m ³	-	TWA: 5 mg/m ³	TWA: 1.5 mg/m ³
Cellulose 9004-34-6	-	TWA: 10 mg/m ³	-		
Attapulgit 12174-11-7	-		-		TWA: 1 fiber/cm ³
Graphite 7782-42-5	-	TWA: 2 mg/m ³	-	TWA: 5 mg/m ³	TWA: 2.5 mg/m ³
Copper(II) dimethyldithiocarbamate 137-29-1	-		-	TWA: 0.1 mg/m ³ TWA: 1 mg/m ³ TWA: 1 mg/m ³	
Non-respirable quartz 14808-60-7	-		TWA: 0.075 mg/m ³		
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Diatomaceous earth 61790-53-2	MAK: 4 mg/m ³ MAK (inhalable fraction)	TWA: 4 mg/m ³	NDS: 10 mg/m ³ NDS: 2.0 mg/m ³	TWA: 1.5 mg/m ³	
Cellulose 9004-34-6	-	TWA: 3 mg/m ³			TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 20 mg/m ³
Graphite 7782-42-5	MAK: 6 mg/m ³ MAK (respirable fraction, fibrous dust)	TWA: 2.5 mg/m ³ TWA: 5 mg/m ³	NDS: 4.0 mg/m ³ NDS: 6.0 mg/m ³ NDS: 1.0 mg/m ³	TWA: 2 mg/m ³ TWA: 5 mg/m ³	
Copper(II) dimethyldithiocarbamate 137-29-1	STEL: 0.4 STEL: 4 MAK: 0.1 MAK: 1				TWA: 0.2 mg/m ³ TWA: 1 mg/m ³ STEL: 2 mg/m ³
Non-respirable quartz 14808-60-7	-	TWA: 0.15 mg/m ³			

Derived No Effect Level (DNEL) No other information available.

Predicted No Effect Concentration (PNEC) No other information available.

8.2. Exposure controls

Engineering Controls	Use in well-ventilated area. If user operations generate mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below TLV TWA and TLV STEL.
Personal Protective Equipment	
Eye/face Protection	Tightly fitting safety goggles.
Skin Protection	Long sleeved clothing.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. If personal exposure levels cannot be maintained below recommended exposure limits or if product is applied by spraying, approved respiratory protection should be worn.
Environmental exposure controls	No other information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Physical State	No other information available
Color	Black
Odor	No other information available
Odor Threshold	No other information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No other information available	
Melting point / freezing point	No other information available	
Boiling Point/Range	149 °C	
Flash Point	63 °C	
Evaporation Rate	No other information available	
Flammability (solid, gas)	No other information available	
Flammability Limit in Air		
Upper flammability limit:	6.0	
Lower flammability limit:	1.0	
Vapor pressure	No other information available	
Vapor Density	> 3	
Relative density	No other information available	
Water Solubility	No other information available	
Solubility in other solvents	No other information available	
Partition coefficient	No other information available	
Autoignition Temperature	220 °C	
Decomposition temperature	No other information available	
Kinematic viscosity @40C	No other information available	
Dynamic viscosity	No other information available	
Explosive Properties	No other information available	
Oxidizing Properties	No other information available	

9.2. Other information

Softening Point	No other information available
Molecular Weight	No other information available
Volatiles, % Vol	No data available
Density	No other information available
Bulk Density	No other information available

Section 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

Stable under normal conditions. Hazardous polymerization does not occur.

Explosion Data

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Hydrocarbons. Carbon monoxide. Hydrogen sulfide (H₂S) may be produced above 250° F (121° C).

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	3,798.00
ATEmix (dermal)	2,022.00

Unknown acute toxicity

- 100% of the mixture consists of ingredient(s) of unknown toxicity.
- 11.9777 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 15.1724 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
- 99.0966 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Skin Corrosion/Irritation No other information available.

Serious eye damage/eye irritation No other information available.

Sensitization No other information available.

Mutagenic Effects No other information available.

Carcinogenic Effects No other information available.

Reproductive Effects No other information available.

STOT - single exposure No other information available.

STOT - repeated exposure No other information available.

Aspiration hazard No other information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Unknown Aquatic Toxicity 16.0758 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Freshwater Fish	Water Flea
Diatomaceous earth	-	10000: 72 h <i>Cyprinus carpio</i> mg/L LC50	
Petroleum distillates, hydrotreated light	-	45: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 2.2: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 2.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	4720: 96 h <i>Daphnia magna</i> mg/L LC50

12.2. Persistence and degradability

No other information available.

12.3. Bioaccumulative potential

No other information available.

12.4. Mobility in soil

Mobility in soil

No other information available.

12.5. Results of PBT and vPvB assessment

No other information available.

12.6. Other adverse effects

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: TRANSPORT INFORMATION

IMDG/IMO

14.1 UN-No Not Regulated
 14.2 Proper Shipping Name Not Regulated
 14.3 Hazard Class Not Regulated
 14.4 Packing Group Not Regulated
 14.5 Marine Pollutant Not applicable
 14.6 Special Provisions None
 14.7 Transport in bulk according to No other information available

Annex II of MARPOL 73/78 and the IBC Code**RID**

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not Regulated
14.4 Packing Group	Not Regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

ADR

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not Regulated
14.4 Packing Group	Not Regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN-No	Not Regulated
14.2 Proper Shipping Name	Not Regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not Regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

Section 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)
This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

15.2. Chemical safety assessment

No other information available

Section 16: OTHER INFORMATION**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H304 - May be fatal if swallowed and enters airways

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value

* Skin designation

Classification procedure

Calculation method

Prepared By

Regulatory Compliance Department

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Safety Data Sheet