

Safety Data Sheet
According to Regulation (EC) No. 2015/830 (REACH)
Coolant-Seal

MSDS 01: Issue 2

Issue Date: 24th Jan 2018

SAFETY DATA SHEET

Section 1: Identification of the substance / mixture and of the company / undertaking.

1.1 Product identifier

Product name: Coolant Seal
Product Code: PMCSEAL

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

Identified uses: Radiator & Coolant System Sealer

1.3 Details of the supplier of the safety data sheet

Power Maxed
Unit 30 Bidavon Industrial Estate
Waterloo Road
Bidford
B50 4JN
info@powermaxed.com

1.4 Emergency telephone number of supplier

Hours of operation: +44 (0) 1789 330668
8am-5.00pm Mon-Fri (GMT)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008): Physical and chemical hazards: not classified
Human health: Not classified
Environment: Not classified
Classification (67/548/EEC): Not classified
The full text for all R -phrases and hazard statements are displayed in section 16.

2.2 Label elements

Label in accordance with (EC) No. 1272/2008 No pictogram required.

2.3 Other hazards

This product does not contain any PBT or vPvB substances

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Ingredient	CAS No.	EC No.	Classification 1272 / 2008	% w/w
Wollastonite Reach Registration: exempt	13983-17-0	237-772-5	Not classified	2 - 10
Zinc, bis (D-gluconato-O1,O2) Reach Registration: exempt	4468-02-4	-	Not classified	< 1
Poly(oxy-1,2-ethanediyl),.alpha - (4-non ylphenyl)-.omega. -hydroxy-,branched Reach Registration: exempt	127087-87	500-315-8	Not classified	< 1
Aquador 2210 Reach Registration: exempt	N/A	N/A	Not classified	< 1
Copper Reach Registration: 01-2119480154-42	7440-50-8	231-159-6	Not classified	< 1

See Section 16 for explanation of the classification codes.

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion: Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Skin contact: Wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No specific symptoms noted.
Ingestion: No specific symptoms noted.
Skin contact: No specific symptoms noted.
Eye contact: No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Section 5: Fire Fighting measures

5.1 Extinguishing media

This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: None under normal conditions

5.3 Advice for firefighters

Special fire-fighting procedures: No specific fire-fighting procedures given

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this safety data sheet

6.2 Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3 Methods and material for containment and cleaning up

Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Transfer to a container for disposal.

6.4 References to other sections

For personal protection see section 8. For disposal methods see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3 Specific end use(s)

The identified uses for this product are detailed in section 1.2

Section 8: Exposure controls / personal protection

8.1 Control Parameters

No exposure limits noted for ingredient(s)

8.2 Exposure controls

8.2.1 General

Employ good industrial hygiene practice

8.2.2 Appropriate engineering controls

Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust.

8.2.3 Individual protection measures / personal protective equipment.

Protective equipment



Respiratory equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas.

Hand protection: No specific hand protection noted, but gloves may still be advisable.

Eye protection: Wear dust resistant safety goggles where this is a danger of eye contact.

Other protection: Provide eyewash station.

Hygiene measures: Wash hands at the end of each work shift and before eating, smoking and using the toilet.

8.2.4 Environmental Exposure Controls

No special measures required.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Opaque Copper
Odour:	Odourless
Solubility:	100% Soluble in water
Boiling point @ 760mm Hg /(oC):	>100
Density:	1.3
pH-Value,	9
Ethanol content %:	0

9.2 Other information

No other relevant data

Section 10: Stability and reactivity

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions

Not relevant

10.4 Conditions to avoid

No specific conditions are likely to result in a hazardous situation

10.5 Incompatible materials

Materials to avoid: Reactive or incompatible with the following materials: reducing materials and acids.

10.6 Hazardous decomposition products

None under normal circumstances

Section 11: Toxicological information (comments may be based on analogy with similar products).

11.1 Information on toxicological effects

Other health effects: This substance has no evidence of carcinogenic properties.

11.1.1 Acute toxicity

Acute toxicity (Oral LD50): Not relevant

Acute toxicity (Dermal LD50): Not relevant

Acute toxicity (Inhalation LC50): Not relevant

Inhalation: Dust in high concentrations may irritate the respiratory system.

Ingestion: May cause discomfort if swallowed.

Skin contact: Powder may irritate skin.

Eye contact: Particles in the eyes may cause irritation and smarting.

11.1.2 Irritation

Eye Contact: May causes serious eye irritation. (Test Method OECD 405).

Skin Contact Based on available data the classification criteria are not met

11.1.3 Corrosivity

Based on available data the classification criteria are not met.

11.1.4 Sensitisation

Based on available data the classification criteria are not met.

11.1.5 Repeated dose toxicity

Based on available data the classification criteria are not met.

11.1.6 Carcinogenicity

Not known to be carcinogenic.

11.1.7 Mutagenicity

Not known to be mutagenic

11.1.8 Toxicity for reproduction

Based on available data the classification criteria are not met.

Section 12: Ecological information

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Acute fish toxicity

Not considered toxic to fish.

12.2 Persistence and degradability

The product is not readily biodegradable.

12.3 Bioaccumulative potential

The product is not bio-accumulating.

12.4 Mobility in soil:

Not relevant, due to the form of the product.

12.5 Results of PBT and vPvB assessment:

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects:

None known

Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose of in accordance with local and national regulations

Section 14: Transport information

14.1 UN No. / Class	None
14.2 UN Proper shipping name	N/A
14.3 Transport hazard classes	
Land Transport	
ADR	Not classified
RID	Not classified
Sea Transport	
IMO/IMDG	Not classified
Marine Pollutant	No
Air Transport	
IATA/IACO	Not classified
Inland waterways	
ADN	Not classified
14.4 Packing Group	N/A
14.5 Environmental Hazards	Not environmentally hazardous
14.6 Special precautions for user	None relevant
14.7 Transport in bulk (annex II of Marpol)	Not classified.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations / legislation specific to the substance or mixture.

Approved code of practice:	Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.
Guidance notes:	Workplace Exposure Limits EH40.
EU Legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out

Section 16: Other information

Revision date: 30/08/2013
Revision: 2
Risk phrases in full: NC – not classified

16.2 Revisions

Because of the major changes, this data sheet should be read as entirely new.

16.3 Legal Disclaimer

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However no warranty guarantee or representation is made to its accuracy, reliability of completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.