

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 18.10.2010
Revision 18.10.2010 (GB) Version 1.0
WT 235 Cold Spray



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product WT 235 Cold Spray

Manufacturer/distributor H&R ChemPharm (UK) Limited
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Advice Technical/Commercial Enquiries
Phone +441215220100
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Emergency advice 24-hour Emergency
Phone +44 (0)1865 407333

Recommended intended purpose(s)
Joint filling compound for use with paper / oil insulated electric energy cables

2. HAZARDS IDENTIFICATION

Information pertaining to special dangers for human and environment
The product is not classified as hazardous/is not a hazardous preparation and therefore exempt from labelling.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description
Synthetic lubricants, thickeners and additives

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
125643-61-0		Benzenepropanoic acid, 3,5-bis (1,1-dimethyl-ethyl)-4-hydroxy-,C7-C9 branched alkyl esters	0,2	

Additional advice
Product is not classified as hazardous substance with respect to local/EC Regulations.

4. FIRST AID MEASURES

General information
Remove contaminated soaked clothing immediately and dispose it safely.

In case of inhalation
In case of symptoms arising from inhalation of fumes or oil mists produced at high temperatures, if breathing is difficult, remove casualty to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact
In case of contact with skin wash off immediately with soap and water.
In case of contact with the hot material please cool with cold water. Consult a doctor immediately.
Consult a doctor if skin irritation persists.

In case of eye contact
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion
Do not induce vomiting, as there is a risk of aspiration.
Seek medical advice immediately.
Rinse out mouth thoroughly with water.

Physician's information / possible dangers
In case of swallowing or vomiting of product there is danger of penetration into the lungs.

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Treatment (Advice to doctor)
Treat symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Foam
Carbon dioxide
sand
Water spray jet
water mist

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Soot and other organic products.

Carbon monoxide (CO)

Sulphur dioxide (SO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool heat exposed containers with water spray jet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use breathing apparatus if exposed to vapours/aerosol with filter Typ A2, A2/P2 or ABEK.

Spilt product presents a significant slip hazard

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Do not discharge into the subsoil/soil.

Methods for cleaning up

Take up residues with absorbent material (e.g. oil binder).

After taking up the material dispose according to regulation.

Take up mechanically.

7. HANDLING AND STORAGE

Advice on safe handling

Avoid splash filling of bulk volumes when handling hot liquid product. Do not use compressed air for filling, discharging, or handling operations involving hot liquid product. Use adequate personal protective equipment as needed.

Advice on protection against fire and explosion

Do not eat, drink or smoke whilst using this product. It is essential to maintain high standards of personal hygiene.

Requirements for storage rooms and vessels

Only use containers that are approved specifically for the substance/product.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Store under control of light and temperature conditions.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.

Hand protection

Use safety gloves of following materials: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 388
Heat-resistant gloves

Eye protection

Safety goggles with side protection. In case of increased risk add protective face shield

Skin protection

Oil-resistant and hardly inflammable protective clothing.

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

It is recommended to use safety clothing, safety gloves and safety goggles/safe screen.

Avoid the direct contact if material is hot.

Hygiene measures

Clean skin thoroughly after working.

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink, smoke or take drugs.

Keep away from food and drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Colour	Odour
Thixotropic gel	opaque	mild

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	> 230 °C			ASTM D 92	
Autoignition	> 250 °C				
Vapour pressure	< 0,2 mbar	20 °C			
Density	c. 0,85 g/cm ³	20 °C		ASTM D 1475	
Solubility in water					insoluble

Additional information

These figures are typical of those obtained during normal production tolerance and do not constitute a specification

10. STABILITY AND REACTIVITY

Conditions to avoid

No hazardous reactions known.

Materials to avoid

Reactions with strong oxidising agents.

Temperatures above 200 °C.

Hazardous decomposition products

Carbon monoxide and irritant fumes may be generated if this product is burned in an enclosed space.

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11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral	> 5000 mg/kg	rat		
Irritability skin	non-irritant			
Irritability eye	Repeated or prolonged contact spray, mist or vapours may cause eye irritation but no permanent damage			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	non-sensitising			

Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.

Additional information

The product has not been tested. The information is derived from the properties of the individual components.

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	If released to water, the product will float. It can be removed from water by abiotic processes, e.g. mechanical separation.			
Biological degradability				Not readily biodegradable, but is inherently biodegradable.

General regulation

Do not allow uncontrolled release of product into the environment.

13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
16 03 06	organic wastes other than those mentioned in 16 03 05

Recommendations for the product

The disposal code is just a recommendation. Contact your local experts to obtain information about use or disposal of the material involved.

The indication about disposal refers to the product and its residues. If the product is mixed with other materials or preparations an individual evaluation should be necessary.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse.

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14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

This product is not classified as dangerous for transport.

Marine transport IMDG

This product is not classified as dangerous for transport.

Air transport ICAO/IATA-DGR

This product is not classified as dangerous for transport.

15. REGULATORY INFORMATION

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives on dangerous substances.

National regulations

16. OTHER INFORMATION

Recommendend uses and restrictions

The data and advice given apply when the product is sold for the stated application(s). The use of the product for applications other than stated may give rise to risks not mentioned in this sheet. Seek our advice before use in other applications.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using this product is provided with the information contained in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected by any hazards described in this sheet and of any precautions that should be taken.

Further information

Above information corresponds to our present knowledge and experience. It is not a guarantee that no errors or incomplete data may be contained.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 53 May cause long-term adverse effects in the aquatic environment.