



Safety data-sheet (91/155 EEC)
Printed 13.11.2005
Revision 12.11.2005 (GB) Version 1.2
Anti-Seize Assembly Paste X1200

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

Name of product : Anti-Seize Assembly Paste 'X1200'

Manufacturer/distributor
TOUGH TECHNOLOGY PRODUCTS LIMITED
Eaton Place Business Centre
114 Washway Road
Sale
Cheshire
M33 7RF
Phone 44 (161) 9699939 Fax 44 (161) 9699939

Emergency
Phone 44(161) 9699939

Recommended intended purpose(s)
Corrosion Protection and Lubricant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Preparation of anorganic thickener in synthetic oil with additives.

Hazardous ingredients

CAS-No. EC-No. Name [% weight] Classification

1314-13-2 215-222-5 zinc oxide < 5 N R50-53

1305-62-0 215-137-3 calcium hydroxide < 10 Xi, R38-41

3. HAZARDS IDENTIFICATION

R-phrases

36 Irritating to eyes.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General information

Not required

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

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

Fire gas of organic material has to be classed invariably as respiratory poison.

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Do not inhale explosion and/or combustion gases.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up

After taking up the material dispose according to regulation.

7. HANDLING AND STORAGE

Advice on safe handling

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

No special measures necessary.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed.

Store in a dry place.

Recommended storage temperature: room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with occupational exposure limits to be monitored

CAS-No. Name Code [mg/m³] [ml/m³] Remark

14807-96-6 Talc respirable dust 8 hours 1 -

Short-term - -

Respiratory protection

Not required

Hand protection

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]:: Nitrile rubber; 0,1mm;

480min;60min.

Eye protection

tightly fitting goggles

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Skin protection

protective clothing

General protective measures

Do not inhale aerosols

Hygiene measures

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES**Form**

pasty

Colour

grey

Odour

perceptible

Important health, safety and environmental information

Value Temperature at Method Remark

Flash point ab 160 °C ISO 2592

Combustion temperature not determined

Density 1,2 g/cm³ 20 °C DIN 51757

Solubility in water insoluble

10. STABILITY AND REACTIVITY**Materials to avoid**

Reactions with oxygen.

Hazardous decomposition products

carbon monoxide and carbon dioxide

Thermal decomposition

Remark No decomposition if suitable use.

11. TOXICOLOGICAL INFORMATION**Acute toxicity/Irritability/Sensitization**

Value/Validation Species Method Remark

Irritability skin non-irritant

Irritability eye irritant

Sensitization skin non-sensitising

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EG

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12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

Elimination rate Method of analysis Method Validation

Biological

degradability The product is slightly degradable.

General regulation

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste code No. Name of waste

12 01 12* spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to the local waste regulations.

! 14. TRANSPORT INFORMATION

! Land and inland navigation transport ADR/RID

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(zinc oxide), 9, III

! Marine transport IMDG

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(zinc oxide), 9, III, nein

Air transport ICAO/IATA-DGR

UN 3077 Environmentally hazardous substance, solid, n.o.s. (zinc oxide), 9, III

15. REGULATORY INFORMATION

Remarks for classification

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Classification

Xi Irritant

N Dangerous for the environment

R-phrases

36 Irritating to eyes.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

57 Use appropriate container to avoid environmental contamination.

Hazardous ingredients for labeling

calcium hydroxide, zinc oxide

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16. OTHER INFORMATION

Recommend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.