

Trade name: RSF GROUP

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

PRODUCT CODE AND NAME	RSF GROUP
RECOMMENDED USES AND RESTRICTIONS	Tail Sealant Grease for Shielded Tunnel Boring Machines
Company identification	MYS CHEMICAL
Emergency phone number	Emergency telephone number of +(90) 2122155262 info@myskimya.com
Service / person to contact	www.myskimya.com
Official advisory body	Health and safety department Emergency telephone number of +(90) 2122155262 info@myskimya.com www.myskimya.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL FAMILY	Product with a synthetic oil basis %weight CASNR EINECS/ ELINCS
Hazardous component(s)	
According to our knowledge this product does not contain any hazardous component at a concentration above the limits indicated by the regulations in force at the date of this document. See selection 8 too for the components with an exposure limit value	

3. HAZARDS IDENTIFICATION

Not Concerned by CE mandatory labeling preparation Adverse human health effects	Does not present any specific hazard if general hygiene rules are respected
Information on ecological effects	See section (2) 12
Physic - chemical hazards	Nothing to refer

4. First - AID MEASURES

INHALATION	Not applicable at usual temperature of use. In case of inhalation of superheat or combustion fumes, remove the victim to fresh air; see a physician after all important exposure.
SKIN CONTACT	Wash well with soap and water.
EYE CONTACT	In case of eye contact, immediately rinse with clean water for 10-15 minutes. See an ophthalmologist if necessary.
INGESTION	If swallowed, do not induce vomiting. Rinse mouth with water. call a physician if needed

5. FIRE - FIGHTING MEASURES

EXTINGUISHING MEDIA -SUITABLE	IN CASE OF FIRE , USE carbon dioxide (co2) dry chemical, foam
-Not to be used	Jet of water Combustible See also chapter 10
SPECIFIC HAZARDS	
SPECIAL PROCEDURES	Do not breathe fumes Use waterspray or fog for cooling exposed containers
PROTECTION AGANST FIRE	Use self – contained breathing apparatus when close

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION	Wear suitable protective clothing and gloves See also chapter 8
ENVIRONMENTAL PRECAUTION	Impound / recover large land spill Prevent entry to sewers and public waters
Recovery	Recover the spilled material. Put it in containers to facilitate its disposal. Remove mechanically
Decontamination/cleaning disposal	Clean the ground with mixture of water and cleaning product give soiled materials to an approved recuperator see also chapter 13.

7. HANDLING AND STORAGE

HANDLING

Technical protective measures

Precaution

Safe handling advice

STORAGE

Technical indications

Storage conditions

Incompatible materials

Packaging materials:

Suitable

Avoid the overheating of the product
Avoid prolonged or repeated contact with skin
See technical data sheet

For see and adequate retention system cup to avoid the pollution of water and ground in case of accidental spillage.

Store sheltered from bad weather
Keep away from all sources of ignition
See section s 10
Keep in original containers

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

EXPOSURE LIMITS VALUES

Not conceded

PERSONAL PROTECTION

Respiratory protection

Hands protection

Gloves
Gloves in nitril rubber

Eye protection

Other personal protections

Safely goggles in case of splashes risk
Usual protection means : overalls ,safety shoes

9-PHYSICAL AND CHEMICAL PROPERTIES

Form:

homogenous paste, fibrous

Color:

yellow

Odor:

none

Density[kg/m³]200c:

1300-1600

Consistency:

8

ASTM D217[NLGI Grade]

4-ball wear:

<0.9

DIN51350:5[mm]

Oil dropping point:

350°C

Water wash out(380C):

<4%

ISO11009[%]

Water spray off(38 0C):

<5%

ASTM D4049 [%]

Water resistance:

0-0

DIN51807/1

Flash point (base oil):

>2500C

10. STABILITY AND REACTIVITY

<p><u>STABILITY</u> <u>HAZARDOUS REACTIONS</u> <u>CONDITIONS to avoid</u></p> <p>Materials to avoid</p> <p>Hazardous decomposition products</p>	<p>Stable in normal storage use conditions</p> <p>Temperatures above the flash point and /or above decomposition point , sparks , eliminate every possible source of ignition strong oxidizing agents acids</p> <p>Carbon monoxide carbon dioxide sulphur products</p>
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11. TOXICOLOGICAL INFORMATION

<p><u>ACUTE TOXICITY</u> <u>-INGESTION</u></p> <p><u>-Inhalation</u></p> <p><u>-Skin contact</u> <u>-Eye contact</u></p> <p>SENSITIZATION SUB - ACUTE & CHRONIC TOXICITY SPECIFIC SIDE - EFFECT S</p> <p>CARCINOGENICITY Mutagen city Reproductive toxicity</p>	<p>May cause digestive troubles like: diarrhea, nausea. vomiting , abdominal pain</p> <p>Not classifies as irritant applicable at usual temperature of use. in case of large inhalation of superheat or combustion fumes , may cause respiratory tract irritation</p> <p>Not classified as irritant Not classified as irritant</p> <p>Not classified sensitizing agent</p> <p>Not classified Not classified Not classified</p>
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12. ECOLOGICAL INFORMATION

<p>PERESISTENCE AND DEGRADABILTY BIODEGRATION</p> <p>Rate of biodegradation</p> <p>ECOTOXICITY Effects to aquatic organisms WGK class</p>	<p>GOOD QUALITIES OF BIODEGRATION 70% after 9-10 days</p> <p>Not classified as dangerous for the environment</p>
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13. DISPOSAL CONSIDERATIONS

DISPOSAL Forbidding	Do not dispose of by means of sinks, drains or in the immediate environment.
Disposal	Give to an approved recuperate for disposal.
Disposal of PACKAGING	Comply empty packaging before disposal
LEGISLATION	Comply with applicable regulation
Waste code :	08 04 10

14. Transport INFORMATION

ROAD (ADR) / RAIL (RID) Class number	Not classified
MARRINE (IMO- IMDG) CLASS	Not classified
AIRLINE (ICAO/ IATA) CLASS division	Not classified

15. REGULATORY INFORMATION

EC REGULATION	
SYMBOLS (s)	None
R Phrase (s)	Not concerned by CE mandatory labeling preparations

16. OTHER INFORMATION

ADVICE TO USERS
This form completes technical data sheet but does not replace it. The information contained herein is based on the data available to us and believed to be correct. We do not warrant or guarantee their accuracy or reliability and we are not liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the users. The whole regulation is only mentioned to help the address to perform its duty when using a dangerous product. This list must not be considered as exhaustive and does not relive the address to verify that some other obligations do not fall on him according to some other texts concerning the holding or handing of the product is responsible for.