

MATERIAL SAFETY DATA SHEET

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1. Identification of the preparation and company.		Date of issue: 06-03-2009
Product name and/or code: Junckers PRO SEAL		Replaces: 27-03-2007
Company name, full address and telephone number: Junckers Industrier A/S Vaerftsvej 4 DK-4600 Koege Denmark Telephone: Int + 45 56 65 18 95 Email: teknik@junckers.dk		Emergency phone number: Junckers Industrier A/S Værftsvej 4 DK-4600 Køge Phone: Int + 45 56 65 18 95
Product type: Drying oil varnish	Additional component: -	Intended use: Coating of interior wood

2. Hazards identification.

In accordance with EC Directive 1999/45/EC the product is classified as: Flammable

Contains: Naphtha (petroleum), hydrotreated heavy.

Risk-phrases: Flammable.
Repeated exposure may cause skin dryness or cracking.

Other phrases Contains Co(2+)salt of fattyacid and Butanone oxime. May produce an allergic reaction. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in metal containers with tight-fitting self-closing lids.
Contaminated materials should be stored outside.

3. Composition/Information on ingredients

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substance Directive 67/548/EEC.

Name (CAS-no.)	EINECS-no.	Conc. (%)	Symbol	R-phrases (*)
Co(2+)salt of fattyacid	270-066-5	0,1-0,5	Xn Xi	22-38-43
Butanone oxime	202-496-6	0,1-0,5	Xn carc3	21-40-41-43
Naphtha (petroleum), hydrotreated heavy	265-150-3	25-50	Xn	10-65-66

(*) for full text see Section 16.

4. First aid measures.

General:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
Eye contact:	Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
Skin contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion:	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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5. Fire fighting measures.

Extinguishing media:

Recommended: Alcohol resistant foam, CO₂, powder, water spray.

Not to be used: Water jet.

Recommendations:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Appropriate breathing apparatus may be required.

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

6. Accidental release measures.

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses.

Clean preferably with a detergent; avoid use of solvents.

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

7. Handling and storage.

Handling:

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.

Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area. For personal protection see Section 8.

Never use pressure to empty : container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws.

Storage:

Store in accordance with the regulations for Flammable Liquids in Containers.

Observe the label precautions. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

No smoking. Prevent unauthorised access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Do not empty into drains.

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8. Exposure controls/Personal protection.

Engineering Measures:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Exposure Limits.

Occupational exposure limit for:

Substance	ppm	mg/m ³	Substance	ppm	mg/m ³
*2-Butanone oxime	25	-	*Naphtha (petroleum), hydrotreated heavy	25	-

Those marked "**" are assigned by the supplier of the substance.

'Sk' indicates a risk of absorption through the skin. 'Sen' indicates a respiratory sensitiser.

Personal protection:

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection:

Use PE/EVA/PE gloves (4H). Barrier (=wearing) time: 4 hours. Dispose immediately after use. See manufacturers recommendations.
Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection:

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

9. Physical and chemical properties.

Physical state:	Liquid	Explosion limit, lower (vol%) :	0,8
Flash point, °C:	40	Organic solvents % (w/w):	Approx. 60
Specific gravity, kg/l:	0,88	Solubility in water:	Immiscible

10. Stability and reactivity.

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. Toxicological information.

Contains Co(2+)salt of fattyacid and Butanone oxime. May produce an allergic reaction.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 15 for details. Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

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Ecological information.						
The product should not be allowed to enter drains or water courses. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.						
13. Disposal considerations.						
Do not allow into drains or water courses. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with waste regulations. Waste code: 08010300.						
14. Transport information.						
Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.						
ADR/RID:			IMDG:			
Class	Packgr.	Class:	Packgr.	MP	UN-no.	EmS
3	III	3.3	III	-	1263	F-E, S-E
Proper Shipping Name:			Proper Shipping Name:			
Paint; UN 1263			Paint.			

15. Regulatory information.	
Limitations for use: The product is not to be used by persons under 18 years of age.	
In accordance with EC Directive 1999/45/EC the product is labelled as follows :	
Symbol:	-
Contains:	Naphtha (petroleum), hydrotreated heavy.
Risk-phrases:	Flammable. Repeated exposure may cause skin dryness or cracking.
Safety-phrases:	Keep out of reach of children. Wear suitable gloves If swallowed, seek medical advice immediately and show this container or label. This material and its container must be disposed of in a safe way.
Other phrases	Contains Co(2+)salt of fattyacid and Butanone oxime. May produce an allergic reaction. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in metal containers with tight-fitting self-closing lids. Contaminated materials should be stored outside.

16. Other information.	
Full text of R-phrases appearing in section 2:	
R10	Flammable.
R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
The information in this Safety Data Sheet is required pursuant to the EC Directive 91/155/EC.	
The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.	