

Material Safety Data Sheet

According to 91/155 EEC

Printing date 18.08.2006

Version No. 4

Reviewed on 18.08.2006

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** *IS 60 Quick*

· **Application of the substance / the preparation**

Solvent based, 1-component parquet seal based on oil / synthetic resin

· **Manufacturer/Supplier:**

JP Coatings GmbH

Im Kreuz 6

D-97076 Würzburg

Tel. +49 (0)931-27964-0

Fax +49 (0)931-27964-50

· **Further information obtainable from:** Products Development Lab

· **Information in case of emergency:**

Medical emergencies: +49 30 19 240






Transportation emergencies: +49 621 60 43 333

2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy  Xn; R 65	25-50%
CAS: 71-36-3 EINECS: 200-751-6	butan-1-ol  Xn,  Xi; R 10-22-37/38-41-67	1-5%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime  T,  Xi; R 43-48/25-52/53	< 0.5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**



Xn Harmful

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 10 Flammable.

R 65 Harmful: may cause lung damage if swallowed.

· **Additional information:**

Polishing dust from oxygen-drying systems may be liable to spontaneous combustion. Danger of fire! (see chapt. 5, 10, 13).

4 First-aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

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5 Fire-fighting measures

- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.
- **Additional information**
Polishing dust from oxygen-drying systems may be liable to spontaneous combustion. Danger of fire! On completion of sanding work, dust must be watered down and disposed of in tightly sealed containers.

6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

71-36-3 butan-1-ol

WEL	Short-term value: 154 mg/m ³ , 50 ppm
Sk	

- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
Not necessary in well ventilated areas or areas with local exhaust ventilation (e.g. ex protected ventilation / evacuation equipment).
In case of prolonged exposition in poorly ventilated areas, e.g. in closed rooms, use ambient air-independent breathing apparatus.
- **Protection of hands:**



Solvent resistant gloves

- **Material of gloves** Butyl rubber, BR

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- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· General Information

Form: Fluid
Colour: Red-brown
Odour: Solvent-like

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** 35°C

· **Ignition temperature:** 240°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits:

Lower: 0.6 Vol %
Upper: 7.0 Vol %

· **Vapour pressure at 20°C:** 8 hPa

· **Density at 20°C:** 0.89 g/cm³

· Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· Viscosity:

Kinematic at 20°C: 30 s (DIN 53211/4)

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions**
Polishing dust from oxygen-drying systems may be liable to spontaneous combustion. Danger of fire! On completion of sanding work, dust must be watered down and disposed of in tightly sealed containers.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· Acute toxicity:

· LD/LC50 values relevant for classification:

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >3000 mg/kg (rab)

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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Polishing dust from oxygen-drying systems may be liable to spontaneous combustion. Danger of fire! On completion of sanding work, dust must be watered down and disposed of in tightly sealed containers.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1263
- **Packaging group:** III
- **Hazard label** 3
- **Description of goods:** 1263 PAINT, special provision 640E

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1263
- **Label** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Proper shipping name:** PAINT

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3

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- **UN/ID Number:** 1263
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** PAINT

15 Regulatory information

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**

Xn Harmful

- **Risk phrases:**

- 10 Flammable.
- 65 Harmful: may cause lung damage if swallowed.

- **Safety phrases:**

- 2 Keep out of the reach of children.
- 23 Do not breathe vapour.
- 24/25 Avoid contact with skin and eyes.
- 37 Wear suitable gloves.
- 51 Use only in well-ventilated areas.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**

- 10 Flammable.
- 22 Harmful if swallowed.
- 37/38 Irritating to respiratory system and skin.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitisation by skin contact.
- 48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.

- **Contact:** Dr. M. Zieger, Tel. +49 (0)731 4097 207

- *** Data compared to the previous version altered.**