Date of issue: 30.10.2012 **Replaces Data Sheet of:** 05.01.2010
"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

1 Identification of Substance / Preparation and Company

Identification of Substance or Preparation
Trade Name / Use: PSS 10 / Dirty protection
Trade Name / Use: PSS 20, PSS 20 Clear / Protection against graffiti and other contamination
(See product bulletin for detailed information)
Company / Undertaking Identification
Address of the Company / Undertaking:
Ethikote Limited : 154a Kinsgmead road , Loudwater High Wycombe HP111JB

* **Contact person:** Mr. Anthony Blowick email anthony@ethicalcoatings.com
Responsible:
CHEMCO123 ® – Chemical Consultancy, graduate chemist, R. Fechner, ☎ + 49 5254 9575 05
eMail: info@chemco123.de
Emergency - Telephone
Swiss Toxicological Information Centre:of Company / Undertaking: Emergency – Telephone
Telephone: +41 44 251 51 51 Telephone:+41 44 749 24 24
Emergency - Telephone
Swiss Toxicological Information Centre: Emergency – Telephone of Company / Undertaking:
Telephone: +41 44 251 51 51 Telephone:+41 44 749 24 24

2 Hazards Identification

For Humans:
Classification:
The product does not need to be labelled in accordance with EC directive 1999/45.
Additional advice:
None.
For the Environment:
None.

3 Composition / Information on Ingredients

Chemical Characterisation:
Aqueous solution of polysaccharides
Dangerous Ingredients:

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R - phrases

Remarks:
Classification and labelling of a product is indicated under item 15.
Exposure Controls / Personal Protection under item 8
R -phrase(s) under item 16

4 First Aid Measures

General advice:
Show this safety data sheet to the doctor in attendance.
Inhalation:
No hazards which require special first aid measures.
Skin Contact:
Rinse with water.
Eye Contact:
Flush eyes with water as a precaution
Ingestion:
Clean mouth with water and drink afterwards plenty of water.
Note to Physician:
None.
Special Equipment:
n.av.

5 Fire Fighting Measures

Suitable Extinguishing Media: Foam, powder, carbon dioxide and water.
Extinguishing Media to Avoid: None.
Fire and Explosion Hazards:
In the event of fire carbon oxides may be formed.
Additional Information: The product itself does not burn.
Special Protective Equipment:
Wear positive pressure self-contained breathing apparatus.
Wear full protective clothing.

6 Accidental Release Measures

Personal Precautions:
See Personal Protective Equipment.
Environmental Precautions:
Do not flush large quantities into surface water or sanitary sewer system. Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal. After cleaning, flush away traces with water.
Methods for Cleaning up:
Clean-up methods - large spillage:
Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal.
After cleaning, flush away traces with water.
Clean-up methods - small spillage:
Flush away traces with water.
Further Information:
None.

7 Handling and Storage

Handling
Precautions for Safe Handling:
No special precautions required.
Precautions in Case of Fire and Explosion:
None.
Storage
Storage Instructions:
Keep at temperatures above 0 °C. Keep container tightly closed.
Store away from:
None.
Further Information on Storage Conditions:
None.
Storage Class: 12 (VCI - Concept)

8 Exposure Controls and Personal Protection

Information on System Design:
Provide personal protective equipment.
Exposure Limits:
CAS / Material **Limit Value according to TRGS 900/ EC Guidline 2000/39:**
Personal Protective Equipment
General Protection and Hygiene:
No special precautions required.
Respiratory Protection: No.
Hand Protection: No.
Eye Protection: No.
Skin Protection: No.
Further Information: No.

Tradename: PSS 10 , PSS 20, PSS 20 Clear
Company / Distributor: PSS INTERSERVICE Ltd., P.O. Box 315, Poststr. 1, 8954 Geroldswil, Switzerland
Telephone: +41 44 749 24 24 **Date of issue:** 30.10.2012 **Replaces Data Sheet of**: 05.01.2010

9 Physical and Chemical Properties

Appearance
Form: liquid
Colour: colourless
Odour: none

Safety Relevant Data

pH-value:	6 - 7
Boiling point / Boiling - range (°C):	100
Melting point / Melting range (°C):	n.av.
Flash point (°C, c.c.):	n.ap.
Flammability:	n.ap.
Ignition temperature (°C):	n.ap.
Autoflammability:	n.ap.
Oxidising properties:	n.ap.
Explosion hazard:	n.ap.
Explosion limits (Vol.%) lower:	n.ap., upper: n.ap.
Vapour pressure:	n.av.
Density (g/ml):	1
Solubility (in Water):	completely soluble
Partition coefficient, n-Octanol/Water:	n.av.
Viscosity:	6 - 7 cP
Solvent separation test:	n.ap.
Solvent content (m %):	n.ap.
VOC content (g / kg) :	n.ap.
Fat solubility:	no

Further Data

Thermal decomposition (°C):	n.av.
Vapour density (Air = 1):	n.av.
Evaporation rate:	n.av.

10 Stability and Reactivity

Conditions to Avoid:	None.
Materials to Avoid:	None.
Hazardous Decomposition Products:	None.
Further Information:	None.

11 Toxicological Information

Toxicological Tests:
Acute Health Effects:

Inhalation, LC_{50} rat, (mg/l/4h):	n.av.
Ingestion, LD_{50} rat, (mg/kg):	n.av.
Skin - contact, LD_{50} rat, (mg/kg):	n.av.
Irritation (to skin / eye):	None.
Sensitisation:	None.

Subacute / Chronic Toxicity:

Carcinogenicity:	None.
Mutagenicity:	None.
Teratogenicity:	None.
Narcotic Effects:	None.

12 Environmental Information

Elimination (Persistence and Degradability):
Biological degradability: 100 %
Behaviour in Sewage Works:
Mobility and Accumulation Potential:
Does not bioaccumulate.

Ecotoxic Effects, Aquatic Toxicity:
n.av.
Other Ecological Information
COD-Value, mg/g: n.av.
BOD_5-Value, mg/g: n.av.
AOX-Remarks: Product does not contain any organic halogens
Persistent, bioaccumulative and toxic substances (PBT-substances: None.
Very persistent and very bioaccumulative substances (vPvB-substances): None

13 Disposal Considerations

Residues
Recommendation: D1
Waste - Code - No.: 08 02 99
In addition comply with the regional authorities.
Safe Handling: See item 7 and 15.
Contaminated Packaging
Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
Safe Handling: As described under Residues.

14 Transport Information

Transportation by Road or Railway according to ADR/GGVS and RID/GGVE
Transportation by Vessels according to IMDG/GGVSee
Transportation by Aeroplane according to IATA-DGR/ICAO-TI
Remarks: Not dangerous goods

15 Regulatory Information

Classification according to EC-directive 1999/45:
The product does not need to be labelled in accordance with EC directive 1999/45.

Further EC – regulations:
Regulation (EC) No 648/2004 of the European Parlament and of the Council of 31 March 2004 on detergents.
not applicable

16 Other Information

Text of R phrases mentioned:
None.
Further information to work out the Data sheet:
Data of the producer.
The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.
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