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MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

HARD & FAST

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

NORSAN HARD & FAST
High Solids Long Life Gloss Emulsion Floor Dressing

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

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1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

General Description:

A high solids metallised emulsion dressing that is highly durable and can be easily maintained with or without the use of a machine. Dries to leave a long lasting, hard wearing gloss that is both dirt and scuff resistant with excellent water and detergent resistance, making it an ideal base for spray buffing and mop and buff maintenance.

Directions For Use:

Ensure floor is thoroughly clean before use. Apply polish using a dedicated applicator evenly to the floor surface allowing at least 30 minutes drying time before applying a second thin coat at right angles to the first coat. Older and porous floors may require further applications. If possible allow to harden overnight before opening to traffic. Coverage is approximately 50 square metres per litre, per coat.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP (EC) NO 1272/2008 [EU-GHS/CLP]

PHYSICAL AND CHEMICAL HAZARDS

Not classified.

HUMAN HEALTH

Not classified.

ENVIRONMENT

Not classified.

CLASSIFICATION UNDER CHIP (67/548/EEC OR 1999/45/EEC)

Not classified.

2.2 LABEL ELEMENTS

PICTOGRAM CODE

PICTOGRAM

SIGNAL WORD

HAZARD STATEMENTS

PRECAUTIONARY STATEMENTS

PREVENTION

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE

P102 - Keep out of reach of children.

RESPONSE

P301+312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice/attention.

DISPOSAL

P501 - Dispose of contents/container to licensed waste disposal site.

2.3 OTHER HAZARDS

EUROPEAN UNION
(DANGEROUS SUBSTANCES DIRECTIVE)

EUH none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

SUBSTANCE	CAS. NO	EINECS No.	HAZARD	RANGE
Modified Maleinic Resin	-	-	H315, H319, H335	1-5%
Ethylene Glycol	107-21-1	-	H302	1-5%
Tributoxyethyl Phosphate	111-76-2	203-905-0	H302, H312, H332	1-5%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE

Remove contaminated clothing and wash before reuse.

AFTER INHALATION

Move the exposed person(s) to fresh supply of air. Get medical attention if discomfort continues.

AFTER CONTACT WITH SKIN

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

AFTER CONTACT WITH EYES

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

AFTER INGESTION

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The severity of symptoms described will vary depending on concentration and length of exposure.

INHALATION

CONTACT WITH SKIN

CONTACT WITH EYES

INGESTION

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

SECTION 5: FIREFIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

This product is not flammable. Use fire extinguishing media appropriate for surrounding area.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

5.3 ADVICE FOR FIRE FIGHTERS

Wear self-contained breathing apparatus and protective clothing as appropriate to the associated fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.2 ENVIRONMENTAL PRECAUTION

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Absorb with sand or binder and dispose of according to local regulations. Small spillages may be flushed to a foul drain.

6.4 REFERENCE TO OTHER SECTIONS

See Section 8 and 13 for more information on exposure and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store only in original containers out of reach of children. Storage temperature should be between 5°C and 30°C.

7.3 SPECIFIC END USE(S)

See section 1.2 and label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Contains no substances with known occupational exposure limits.

8.2 EXPOSURE CONTROLS

Do not eat, drink or smoke whilst working and wash hands after use.

PICTOGRAM(S)



WEAR SUITABLE HAND PROTECTION WEAR SUITABLE EYE PROTECTION

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOUR

White / off white liquid with characteristic odour.

pH LEVEL

FLAMMABLE/FLASH POINT

Not flammable.

SOLUBILITY

Soluble/dispersible in water.

VISCOSITY

9.2 OTHER INFORMATION

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not known to react with other chemicals.

10.2 CHEMICAL STABILITY

No decomposition if stored and applied as directed.

10.3 POSSIBILITY OF HAZARDOUS REACTION

10.4 CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

10.5 INCOMPATIBLE MATERIALS

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

INHALATION

CONTACT WITH SKIN

Skin irritation is not anticipated when used normally.

CONTACT WITH EYES

Spray and vapour in the eyes may cause irritation and smarting.

INGESTION

May cause discomfort if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

12.1 TOXICITY

No aquatic testing has been carried out for this product.

12.2. PERSISTENCE AND DEGRADABILITY

12.3. BIOACCUMULATIVE POTENTIAL

12.4. MOBILITY IN SOIL

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

12.6. OTHER ADVERSE EFFECTS

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

This product is not classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out container at least twice in water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29.

SECTION 14: TRANSPORT INFORMATION

14.1. UN NUMBER

14.2. UN PROPER SHIPPING NAME

14.3. TRANSPORT HAZARD CLASS(ES)

14.4. PACKING GROUP

14.5. ENVIRONMENTAL HAZARDS

14.6. SPECIAL PRECAUTIONS FOR USER

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

STATUTORY INSTRUMENTS

Classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

ECHA Guidance on the application of CLP criteria (Version 4: November 2013). ECHA Guidance on the compilation of safety data sheets (Version 2.1: February 2014)

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out as product is a mixture.

SECTION 16: OTHER INFORMATION

16.1. REVISION COMMENTS

This product is now using classification from GHS/CLP- Regulation (EC) No 1272/2008 classification and labelling & packaging of. The risk statements listed below relate to the raw materials in the product not the product itself.

RISK PHRASES IN FULL (CHIP)

HAZARD STATEMENT IN FULL (CLP)

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H315 - Causes skin irritation.

H315 - Causes skin irritation.

H332 - Harmful if inhaled.

H335 - May cause respiratory irritation.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. The user assumes all liability for any damage or injury resulting from abnormal use, from the failure to adhere to recommended practises, or from hazards inherent in the nature of the product. In accordance with our policy of incorporating technical improvements, we reserve the right to amend any specification without notice.