

SAFETY DATA SHEET

According to Regulation (EC) No 1272/2008

nikpol[™]

Date Issued: 06.06.2014

Form No: GBF201406060381

Product Name: **Motivi Gloss Laminate < 2 MM**

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

Product Name : Motivi Gloss Laminate < 2 mm

Trade Name : High Pressure Decorative Laminate (HPDL& CHPL)

Chemical Family : Laminate.

Identified uses : Kitchen and office working surfaces, restaurant and hotel tables, doors and wall coverings in public areas, interior walls of public transport vehicles

Uses advised against : No specific uses advised against are identified .

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture :

Classification according to Regulation (EC) No 1272/2008 (CLP): Not classified.

Physical hazards : Not classified.

Human Health : Not classified

Environment : Not classified

Hazard Statements: None.

Precautionary statements :

P261: Avoid breathing dust.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC (DSD): Not classified.

Risk Phrases : None.

Safety Phrases :

S22 : Do not breathe dust.

Potential Hazards :

Human Health : Fabrication operations such as milling, cutting, grinding etc. may cause dust. Dust may irritate throat and respiratory system and cause coughing. Dust may cause mechanical irritation of eyes and skin. Any sharp edge will cut or abrade the skin.

Physical and Chemical Hazards : None.

Label Elements :**Label In Accordance With (EC) No. 1272/2008****No pictogram, no H statements.****P statement (recommended) :****P261 : Avoid breathing dust.****Other Hazards :****This product does not contain any PBT or vPvB substances. The product does not have any hazard due to its form.**

3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixture: consisting of the following components (Chemical Analysis):**

Name	Cons.%(w/w)	EINECS no	CAS no	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification according to Directive 67/548/EEC
Cellulose Fiber	60-70	-	9004-34-6	None	None
Phenol/formaldehyde resin	20-40	500-005-2	9003-35-4	None	None
Melamine/formaldehyde resin	10-30	206-107-0	9003-08-1	None	None
Formaldehyde	<0.01	200-001-8	50-00-0	Acute Tox. 3, H301,H311,H331; Skin Corr. 1B, H314; Skin Sens. 1,H317; Carc. 2,H351	Carc. Cat. 3,T, R23/24/25; C,R34;R40;R43

Composition Comments : The data shown are in accordance with the latest EC Directives. This product doesn't contain Pentachlorophenol.

4. FIRST AID MEASURES**Description of first aid measures :****Inhalation :** If high concentrations of dust is inhaled move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if discomfort continues.**Skin contact :** Wash skin thoroughly with soap and water.

Eye contact : Make sure to remove any contact lenses before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue rinsing for at least 15 minutes. Get medical attention if discomfort continues.

Ingestion : Ingestion is not considered a potential route of exposure. Get medical attention if ingested.

Most important symptoms and effects, both acute and delayed :

Inhalation : Upper respiratory irritation.

Ingestion : No data available. Not an expected route of entry with normal use of product. **Skin contact :** Mechanical irritation.

Eye contact : May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed :

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Fire can be extinguished using : Water spray, fog or mist; Carbon dioxide (CO₂); foam ;dry chemicals; sand, dolomite, etc.

Unsuitable Extinguishing Media : None.

Unusual Fire and Explosion Hazards: None.

Specific Hazards : None.

Advice for firefighters : Wear self-contained respiratory protective device. Wear fully protective suit. Fight fire with normal precautions from a reasonable distance.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective clothing as described in section 8 of this safety data sheet. Avoid inhalation of dust. Avoid dust formation.

Methods and material for containment and cleaning up : Remove sources of ignition. Avoid generation and spreading of dust. Collect spillage in containers, seal securely and deliver for disposal in accordance to local regulations. Collect mechanically. Wash contaminated area with water.

Environmental precautions : Not expected to be hazardous for the environment.

7. HANDLING AND STORAGE

Precautions for safe Handling: Provide good ventilation. Avoid handling which leads to dust formation. Use mechanical ventilation in case of handling which causes formation of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust. Protect exposed skin from

cuts and abrasions. Wear personal protective equipment when handling, in order to avoid skin cuts and abrasions. Observe good chemical hygiene practices.

Conditions for Safe Storage, including any incompatibilities: Store in a dry, closed place with a temperature of 18-25°C and 50-60 % relative humidity.

Specify end use(s): The identified uses for this product are detailed in Section 1.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits :

Cellulose TLV/TWA : 5 mg/m³ (respirable dust), 15 mg/m³ (total dust)

Exposure controls :

Engineering measures : Provide adequate general and local exhaust ventilation.

Minimize the risk of inhalation of dust.

Eye Protection: Wear approved safety goggles.

Hands Protection : Wear suitable protective gloves for prolonged or repeated skin contact..

Skin and Body Protection: Wear protective clothing as deemed necessary.

Respiratory Protection : No specific recommendation is made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hygiene measures : Do not smoke in work area. Do not eat or drink. Wash hands at the end of each working shift and before eating, drinking, smoking or using toilet. Wash promptly if skin becomes contaminated. Promptly remove any contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid.

Appearance : Decorative sheet with various colours.

Odour: No odour.

Flash Point : Not applicable.

Self Ignition Temperature : 400 °C

Formaldehyde Emission : <0,4 mg/m²h (EN 717-2)

Bulk Density : 1.35 g/cm³

Water Solubility : Insoluble in water.

Solubility : Insoluble in oil, methanol, n-octanol, acetone, diethyl ether.

10. STABILITY AND REACTIVITY

Reactivity : There are no known reactivity hazards associated with this product.

Chemical Stability : Stable under prescribed storage and normal use conditions.

Possibility of hazardous reactions : No information required.

Conditions to avoid : None.

Incompatibility :

Materials to avoid : None.

Hazardous Decomposition or By Products: Carbon oxides and nitrogen oxides in case of fire.

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

Inhalation : Inhalation is the primary route of exposure. Dust in high concentrations may irritate the respiratory system.

Ingestion : No specific health warnings noted.

Eye contact : Particles in the eyes may cause irritation and smarting.

Skin contact : May cause mechanical irritation.

Sensitization : No sensitizing effects known.

Chronic Toxicity : No chronic effects observed with this product.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) : This product may contain trace amounts of formaldehyde which is listed by IARC and NTP as carcinogenic. The ACGIH lists formaldehyde as a suspect human carcinogen.

Specific target organ toxicity – single exposure :

STOT – Single exposure : Not available.

Specific target organ toxicity – repeated exposure :

STOT – Repeated exposure : Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity : No classification concerning the environment.
Not regarded dangerous for the environment.

Toxicity : No data available.

Water Hazard class (German Regulation) : 1 (slightly hazardous for water).

Persistence and degradability : The biodegradability of this product has not been stated.

Bioaccumulative potential : No data available on bioaccumulation.

Mobility in soil : No data available.

Results of PBT and vPvB assessment : This product does not contain any PBT or vPvB substances. **Other adverse effects :** No information required.

13. DISPOSAL CONSIDERATIONS

General information : This product is not hazardous waste.

Waste treatment methods : Dispose waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

General : The product is not covered by international regulation on the transport of dangerous goods (IMDG,IATA,ADR/RID).

UN No : Not applicable.

Proper Shipping Name : Not applicable

Transport label : No transport warning sign required.

Environmental Hazards :

Environmentally hazardous substance/Marine pollutant : No

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture :

EU Legislation :

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on Classification, Labelling and Packaging of substances and mixtures (CLP) , amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Statutory Instruments :

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No.716)

Approved Code of Practice :

Safety Data Sheets for Substances and Preparations.

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes :

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108)

Chemical Safety Assessment :

A Chemical Safety Assessment has not been carried out.

The regulatory information is not intended to be comprehensive. Other local regulations may apply to this material.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) has been fully issued according to the CLP and REACH regulations based on the information received from the product owner.

Safety Data Sheet Issued By : Chemical Engineer Birgul Girgin (info@gbfhazirlama.com)
Specialist Accreditation Number : TSE GBF -1157 04.06.2012
Date Issued : 06.06.2014

The information in this MSDS was obtained from sources we believe are reliable. However, it is provided without any representation or warranty, expressed or implied, regarding accuracy or correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.
