



# SAFETY DATA SHEET ZINGARD

# MGDUFF

Foll.dir 2001/58/EC

## 1. Identification of the Substance/Preparation and Company

Product Name ZINGARD  
 Code 11001 – 11002 – 11005 – 11010 - 11025  
 Product Type Paint related material  
 Manufacturer ZINGAMETALL bvba  
 Address Industriepark Veneco  
 Rozenstraat 4  
 9810 Eke – Belgium  
 Telephone 00 32 9 385 6881  
 Fax 00 32 9 385 5869  
 Emergency Tel 00 32 70 245 245 (Anti-poison centre)

## 2. Composition and Information on Ingredients

Name of Substance	Value (s)	n° CAS/n°EINECS/CE Index	Symbols	R-Sentence (s)
Solvent naphtha light Aromatic (low boiling point)	< 20%	064742-95-6/265-199-0/649-356-00-4	Xn	10-37-51/53-65-66-67
Zinc powder dust (stabilised)	60% - 80%	7440-66-6/231-175-3/030-002-00-7	N	50/53

## 3. Hazards Identification

Risk Phrases Vapours may cause drowsiness and dizziness.  
 Dangerous substances Flammable.  
 Primary route of exposure Ingestion

### Symptoms relating to use:

Inhalation Cough, Drowsiness, Nausea, Headache, Unconsciousness  
 Skin contact Redness, Pain. Prolonged or repeated contact with the material will remove natural oils from the skin, which leads to dermatitis.  
 Eye contact Redness and pain  
 Ingestion Abdominal pain, nausea, vomiting. See inhalation  
 Dangerous effects on the environment Very toxic to aquatic environment. May cause long-term adverse effects in the aquatic environment.

Note This product is considered to be hazardous and contains hazardous components (Directive 1999/45/EC)

## 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 victim to fresh air. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.  
 Skin Wash skin thoroughly with water and mild soap.  
 Eye Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.  
 Ingestion Rinse mouth. DO NOT INDUCE VOMITING. Seek medical advice.

## 5. Fire Fighting Measures

Flammable class This product is flammable.  
 Prevention No naked flames. No smoking.  
 Extinguishing media Foam. Dry chemical. Carbon oxide.  
 Protection against fire Do not enter fire area without proper protective equipment, including respiratory protection.  
 Special procedures Exercise caution when fighting any chemical fire.

## 6. Accidental Release Measures

Other Information Inform the emergency services in cases where a large quantity of the material enters the surface water drains.  
 Personal precautions Equip clean up crew with proper protection. Suitable respiratory equipment.  
 Environmental precautions Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.  
 After spillage and/or leakage Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## 7. Handling and Storage

General No naked flames. No smoking.  
 Precautions in handling and storage Both local exhaust and general room ventilation are usually required.  
 Technical protective measures Use grounded electrical/mechanical equipment and electrical apparatus that may be used in explosive atmosphere.  
 Storage Keep in fireproof place. Store in tightly closed, properly ventilated containers away from heat, sparks, naked flames.  
 Handling Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## 8. Exposure Controls / Personal Protection

Personal protection  
 - Respiratory protection Wear a mask if spraying or blasting.  
 - Hand protection Gloves.  
 - Skin protection If skin contact or contamination of clothing is likely, protective clothing should be worn.  
 - Eye protection Safety glasses.  
 - Ingestion When using, do not eat, drink or smoke.  
 Industrial hygiene Local exhaust and general ventilation must be adequate to meet exposure standards.



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## 9. Physical and chemical properties

Physical state	paint
Colour	grey
Odour	aromatic
Density	2,67 kg/dm <sup>3</sup> (15° C)
Viscosity	66" (Cup Din 4)
Solubility in water	material insoluble in water
Flash point [° C]	47

## 10. Stability and Reactivity

Hazardous reactions                      Avoid contact with : neoprene.

## 11. Toxicological Information

Rat oral DL50 [mg/kg]	No data available.
Rabbit dermal DL50 [mg/kg]	No data available.
Rat inhalation CL50 [mg/l/4h]	No data available.

## 12. Ecological Information

Ecological effects information	This product contains hazardous components for the aquatic environment.
LC50-96 hours - fish [mg/l]	No data available.
48 hours-EC50- - Daphnia magna [mg/l]	No data available.
IC50 72 hours - Algae [mg/l]	No data available.

## 13. Disposal Considerations

Disposal                                      Dispose in a safe manner in accordance with local/national regulations.

## 14. Transportation Information

Hazard label	Flammable Hazard label(s) Flammable
UN N°	1263
Proper shipping name	Paint
Class ADR/RID	3 III
Class IMO/IMDG	3 III - Marine pollutant
Class IATA	3
EmS	3-05

## 15. Regulatory Information

Symbol(s)	N - Dangerous for the environment.
Risk Phrase(s)	R10 - Flammable. R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R67 - Vapours may cause drowsiness and dizziness.
S Phrase(s)	S16 - Keep away from sources of ignition. No smoking. S51 - Use only in well-ventilated areas. S60 - This material and its container must be disposed of as hazardous waste. S61 - Avoid release to the environment. Refer to special instruction / Safety Data Sheet. Avoid contact with water.

## 16. Other Information

R-Phrases not concerned by the classification of the product	R37 - Irritating to respiratory system. R65 - Harmful : may cause lung damage if swallowed. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R66: Repeated exposure may cause skin dryness or cracking.
Recommended uses and restrictions :	See Technical data sheet for detailed information.

The contents and format of this MSDS are in accordance with the EEC Commission Directive 2001/58/EC.  
ZINGARD is a registered trademark of MGDuff International Limited.  
This information describes the aspects of health, safety and environment for this product based on our current knowledge.  
This information is not construed as a technical specification or as any guarantee of the product.

The data on these sheets is merely indicative. They are the result of our knowledge and experience to the present day, and they come from sources which we consider trustworthy. The conditions or methods of handling, storage, use or elimination of the product cannot be controlled by us and are therefore outside our competence. For these and other reasons we decline all responsibility in the case of loss, damage, or costs that are caused by or that are linked in any way to the handling, storage, use or the elimination of the product. Any claim concerning deficiencies must be made, within three months upon reception of the goods, to either:

**MG Duff International Ltd. 1 Timberlaine Estate, Gravel Lane, Quarry Lane, Chichester, West Sussex. PO19 8PP**

Or directly to the manufacturing office at: Zingametal, Rozenstraat 4, Industriepark Veneco, B-9810Eke, Belgium.

We reserve the right to change the formula if properties of the raw materials should differ. This data sheet replaces all former specimens.