

MERLIN COATINGS LTD

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SAFETY DATA SHEET

Important Introduction

In compliance with Chip 3 and ACOP, Compilation of Safety Data Sheets, 3rd. Edition, this information is provided to help inform Risk Assessments. Its contents cannot be considered to be a risk assessment under Management of Health and Safety or other such regulations. Risk assessments require consideration of other information related to the precise circumstances and situation in which a substance or preparation is to be used. Such information is not available to the supplier/compiler of this data.

SECTION 1		PRODUCT IDENTIFICATION		
PRODUCT NAME	Merlin Coatings Tile Profiler			
DESCRIPTION	Non Slip treatment for ceramic surfaces.			
APPEARANCE AND ODOUR	Opaque gel with mild characteristic detergent smell			
SECTION 2		COMPOSITION		
HAZARDOUS COMPONENTS (COMMON CHEMICAL NAME)	RELATED INFORMATION			
	% (w/w)	CAS NUMBER	CLASS	RISK PHRASES
ammonium hydrogen difluoride	5-10	1341-49-7	C	Harmful if swallowed. Causes burns..
SECTION 3		HAZARDS IDENTIFICATION		
CHIP CLASSIFICATION	Classified as CORROSIVE in accordance with the CHIP 3 Regulations			
HAZARDS	Harmful if swallowed. May cause burns.			
SECTION 4		FIRST AID MEASURES		
EYES	Keep eyelids apart and rinse immediately with water for at least 10 minutes. SEEK IMMEDIATE MEDICAL ADVICE.			
INGESTION	DO NOT INDUCE VOMITING. Drink plenty of milk, or water. SEEK IMMEDIATE MEDICAL ADVICE AND SHOW THIS SHEET.			
INHALATION	Product is not volatile and should not be a hazard from inhalation.			
SKIN	Immediately remove contaminated clothing and wash off with plenty of soap and water. If any irritation occurs and persists, seek immediate medical attention.			
OTHER INFORMATION	IF ANY SYMPTOMS PERSIST SEEK MEDICAL ADVICE AND SHOW THIS SHEET.			
SECTION 5		FIRE FIGHTING MEASURES		
EXTINGUISHING MEDIA	Product is not flammable.			
SPECIAL PROCEDURES	None relevant.			
OTHER INFORMATION	None relevant			
SECTION 6		ACCIDENTAL RELEASE MEASURES		
FOR LEAKS OR SPILLAGES	Wear suitable protective clothing including acid resistant gloves and goggles, ensure good ventilation. Collect up with non-flammable absorbent material and place in suitable container for disposal. Product can be neutralised with sodium carbonate (soda ash).			
OTHER INFORMATION	None.			
SECTION 7		HANDLING AND STORAGE		
HANDLING	DO NOT TAKE BY MOUTH. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Follow good hygiene practices and wash hands before drinking, eating, etc.			
STORAGE	Store containers in a cool, dry area and do not allow to freeze.			
OTHER INFORMATION	None.			
SECTION 8		EXPOSURE CONTROLS AND PERSONAL PROTECTION		
HAZARDOUS COMPONENTS (COMMON CHEMICAL NAME)	OCCUPATIONAL EXPOSURE STANDARDS			
	8 hour TWA	15 min STEL	RELATED INFORMATION	
ammonium hydrogen difluoride	Not listed	Not listed	Not a volatile product.	
PERSONAL PROTECTION	ALWAYS WEAR SAFETY GLASSES TO BS EN 166 AND RUBBER GLOVES WHEN USING. Wear suitable protective clothing and footwear when handling large quantities.			

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SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES		
pH @ 25°C	Typically 1.0 @ 10% soln.	FLAMMABILITY	Not flammable
SPECIFIC GRAVITY @ 25°C	Typically 1.07	FLASH POINT (P.M.C.C.)(°C)	Not flammable
VISCOSITY @ 25°C	Approx. 700 cps.	AUTOFLAMMABILITY (°C)	Not flammable
MELTING POINT (°C)	Freezes at 0°C.	EVAPORATION (BuAc=1)	Not Established.
BOILING POINT / RANGE (°C)	Typically 100°C.	FLAMMABLE LIMITS	Not flammable
SOLUBILITY IN WATER	Completely Soluble.	VAPOUR DENSITY (Air=1)	Not relevant
SOLUBILITY IN SOLVENT	Not soluble	OTHER INFORMATION	Not Applicable.
SECTION 10	STABILITY AND REACTIVITY		
STABILITY	Stable under normal conditions of use.		
CONDITIONS TO AVOID	Do not allow to freeze.		
INCOMPATIBILITY	Will react with non-ferrous metals to release flammable hydrogen gas. Will react exothermically with caustic alkalies.		
DECOMPOSITION PRODUCT	May release acidic hydrofluoric acid fumes.		
OTHER INFORMATION	Hazardous polymerisation will not occur.		
SECTION 11	TOXICOLOGICAL INFORMATION		
EXPOSURE ROUTE	ACUTE AND CHRONIC EFFECTS	SYMPTOMS AND CONDITIONS	
EYES	Burning, may cause permanent damage	Burning sensation, eyes watering and reddening.	
INGESTION	Can cause burns to mouth, throat or stomach.	Burning sensation, irritation.	
INHALATION	Not likely to be a hazard	Not likely to be a hazard	
SKIN	Irritating to skin, may cause burns.	Redness and irritation, itching of the skin.	
TOXICOLOGICAL DATA	Acidic nature of the product makes it fatal to fish and other aquatic life.		
SECTION 12	ECOLOGICAL INFORMATION		
	The high pH of the product can be neutralised by soda ash (sodium carbonate) . Surfactants in the product are biodegradable and easily eliminated by normal sewage waste treatment.		
SECTION 13	DISPOSAL CONDITIONS		
PRODUCT	Consult local authority.		
CONTAINER	We do not advise reusing the container.		
OTHER INFORMATION	None.		
SECTION 14	TRANSPORT INFORMATION		
U.N. (S.I.N.)	2817	DESCRIPTION	Corrosive
A.D.R./R.I.D.	Class 8	PACKING GROUP	II
I.A.T.A.	Not established	TARIFF NUMBER	340290 90
I.M.D.G.	Class 8, EMS F-A, S-B	TREMCARD	Use MSDS
OTHER INFORMATION	This product is not classed as a marine pollutant.		
SECTION 15	REGULATORY INFORMATION		
LABEL INFORMATION	This product is classified as CORROSIVE in accordance with the CHIP 3 Regulations.		
RISK PHRASES	22-34	Harmful if swallowed. Causes Burns.	
SAFETY PHRASES	1/2,-26-27-45	Keep locked up and out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. In case of accident or you feel unwell, seek medical advice immediately (show this label where possible).	
SECTION 16	OTHER INFORMATION		
	Read and follow manufacturers instructions when using product.		
	Tile Profiler	DATE:	1 Feb.06
		REVISION:	1