

SAFETY DATA SHEET RELEASE AGENT

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME RELEASE AGENT
 SUPPLIER ITW Korroflex
 Bay 150, Shannon Industrial Estate
 Shannon, Co Clare, Ireland
 T:00 353(61)471299
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 Business Hours: 8:00am - 5:00pm

2 HAZARDS IDENTIFICATION

Irritating to skin. Harmful by inhalation and in contact with skin. Flammable.

CLASSIFICATION Xn;R20/21. Xi;R38. R10.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
XYLENE	215-535-7	1330-20-7	60-100%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Avoid contact with eyes. Show this safety data sheet to the doctor in attendance

INGESTION

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Drink plenty of water. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Contact physician if irritation persists.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder.

SPECIFIC HAZARDS

Burning produces irritant fumes. Flash back possible over considerable distance.

PROTECTIVE MEASURES IN FIRE

Cool containers exposed to flames with water until well after the fire is out. Self contained breathing apparatus and full protective clothing must be worn in case of fire. Keep run-off water out of sewers and water sources. Dike for water control.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Remove sources of ignition. Avoid inhalation of spray mist and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Dam and absorb spillages with sand, earth or other non-combustible material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

RELEASE AGENT

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Take precautionary measures against static discharges. Storage tanks and other containers must be grounded. Do not smoke, use naked flames or other sources of ignition. Provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
		50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use protective gloves made of: Rubber or plastic.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving work place.

SKIN PROTECTION

No specific recommendations.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Blue or Clear		
ODOUR	Slightly pungent odour		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	138	MELTING POINT (°C)	n/d
RELATIVE DENSITY	0.95 20 °C	VAPOUR PRESSURE	18 mm Hg 37.7
VISCOSITY	0.6 mPas	FLASH POINT (°C)	28 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	1.1	FLAMMABILITY LIMIT - UPPER(%)	7

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Direct heating, dirt, chemical contamination, sunlight, UV or ionizing radiation, Heating can release vapours which can be ignited.

MATERIALS TO AVOID

Avoid contact with oxidising agents.

RELEASE AGENT**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION**INHALATION**

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Extreme prolonged contact may cause dermatitis.

EYE CONTACT

May cause severe irritation to eyes.

Other Health Effects

Prolonged or repeated exposure may cause: Liver and/or kidney problems.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin absorption.

MEDICAL SYMPTOMS

Affects the Central Nervous System. Can cause severe eye irritation, skin and respiratory tract irritation also.

12 ECOLOGICAL INFORMATION**MOBILITY**

Avoid subsoil penetration.

DEGRADABILITY

Do not contaminate water sources or sewer.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Waste is classified as hazardous waste. Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

08 04 99

14 TRANSPORT INFORMATION

UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	XYLENES	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1307	HAZARD No. (ADR)	30
ADR CLASS NO.	3	HAZCHEM CODE	3Y
ADR PACK GROUP	III	RID CLASS NO.	3
ADR LABEL NO.	3	UN NO. SEA	1307
CEFIC TEC(R) NO.	30GF1-III	IMDG PACK GR.	III
RID PACK GROUP	III		
IMDG CLASS	3		

RELEASE AGENT

EMS	F-E, S-D	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1307
AIR CLASS	3	AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

XYLENE

RISK PHRASES

R38	Irritating to skin.
R20/21	Harmful by inhalation and in contact with skin.
R10	Flammable.

16 OTHER INFORMATION

REVISION DATE 01/02/2009

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin.

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.