



SAFETY DATA SHEET

Ipthin Sacrificial Aluminium Coating

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

PRODUCT NAME Ipthin Sacrificial Aluminium Coating
PRODUCT NO. IP9356
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2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION (1999/45) Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	10-30%	C;R34

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

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

INGESTION

Immediately rinse mouth and provide fresh air. DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

SKIN CONTACT

Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out.

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SPECIFIC HAZARDS

When heated and in case of fire, irritating vapours/gases may be formed. In case of fire, toxic and corrosive gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of vapours/spray and contact with skin and eyes. Contaminated clothing and shoes must be discarded. Wear full protective clothing for prolonged exposure and/or high concentrations.

STORAGE PRECAUTIONS

Keep in original container. Store in closed original container at temperatures between 5°C and 25°C. Protect from freezing and direct sunlight.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Wear respiratory protection with combination filter (dust and gas filter).

HAND PROTECTION

Use protective gloves made of: Neoprene. Nitrile. Rubber (natural, latex).

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Coloured liquid		
COLOUR	Grey		
ODOUR	Slight odour		
RELATIVE DENSITY	1.62	SOLUBILITY VALUE (g/100g H2O@20°C)	Unlimited
VOLATILE ORGANIC COMPOUND (VOC)	0 g/litre		

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Avoid frost.

HAZARDOUS DECOMPOSITION PRODUCTS

When heated, vapours/gases hazardous to health may be formed.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Knowledge about health hazard is incomplete.

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. Harmful by inhalation.

INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Harmful: danger of serious damage to health by prolonged exposure if swallowed.

SKIN CONTACT

Harmful in contact with skin. Irritating to skin.

EYE CONTACT

Irritating and may cause redness and pain.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
	No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING

Ipthin Sacrificial Aluminium Coating



Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S60 This material and its container must be disposed of as hazardous waste.
S28 After contact with skin, wash immediately with plenty of water.
S39 Wear eye/face protection.
S43 In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.
S53 Avoid exposure - obtain special instructions before use.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16 OTHER INFORMATION

REVISION DATE 30/12/2010

REV. NO./REPL. SDS GENERATED 1

RISK PHRASES IN FULL

R34 Causes burns.

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.