

SAFETY DATA SHEET

INTERTHERM 181 GRAY PART A

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : INTERTHERM 181 GRAY PART A
 Product code : HTA751

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	
Professional application of coatings and inks	
Uses advised against	Reason
All Other Uses	

1.3 Details of the supplier of the safety data sheet

International Farg AB
 Holmedalen 3
 Aspereds Industriomrade
 SE-424 22 Angered
 Sweden

Tel: +46 (0) 31 928500 Fax: +46 (0) 31 928530
 e-mail address of person responsible for this SDS : sdsfellinguk@akzonobel.com

National contact

1.4 Emergency telephone number

National advisory body/Poison Centre (For use only by licensed medical professionals.)

Telephone number : +44 (0)844 892 0111

Supplier

Telephone number : +46 8 33 12 31

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 2, H225
 Eye Irrit. 2, H319

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



SECTION 2: Hazards identification

Signal word	: Danger
Hazard statements	: Highly flammable liquid and vapour. Causes serious eye irritation.
Precautionary statements	
Prevention	: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Response	: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes.
Storage	: Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	: Wear appropriate respirator when ventilation is inadequate.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

2.3 Other hazards

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	% by weight	Classification Regulation (EC) No. 1272/2008 [CLP]	Nota (s)	Type
Isopropyl alcohol	REACH #: 01-2119457558-25 EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	≥10 - ≤15	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	6	[1] [2]
tetraethyl silicate	EC: 201-083-8 CAS: 78-10-4 Index: 014-005-00-0	≤5	Flam. Liq. 3, H226 Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT SE 3, H335	-	[1]
1-methoxy-2-propanol	REACH #: 01-2119457435-35 EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	≤2.5	Flam. Liq. 3, H226 STOT SE 3, H336	-	[1] [2]
xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	≤3	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304	C	[1] [2]
N-methyl-2-pyrrolidone	EC: 212-828-1	≤0.3	Skin Irrit. 2, H315	-	[1] [2]

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SECTION 3: Composition/information on ingredients

	CAS: 872-50-4 Index: 606-021-00-7		Eye Irrit. 2, H319 Repr. 1B, H360D (Unborn child) STOT SE 3, H335		
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

Occupational exposure limits, if available, are listed in Section 8.

**Nota
(s)**

SECTION 4: First aid measures

4.1 Description of first aid measures

General :
 Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :
 Protection of first-aiders :

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Over-exposure signs/symptoms

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician :
 Specific treatments :

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media :
 Unsuitable extinguishing media :

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture :
 Hazardous thermal decomposition products :

SECTION 5: Firefighting measures

5.3 Advice for firefighters

Special protective actions :
for fire-fighters

Special protective equipment :
for fire-fighters

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel :

For emergency responders :

6.2 Environmental precautions :

6.3 Methods and material for containment and cleaning up

Small spill :

Large spill :

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures :

Advice on general occupational hygiene :

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s)

Recommendations :

Industrial sector specific solutions :

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures :

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

SECTION 8: Exposure controls/personal protection

8.2 Exposure controls

Appropriate engineering controls :

Individual protection measures

Hygiene measures :

Eye/face protection :

Skin protection

Hand protection :

Body protection :

Other skin protection :

Respiratory protection :

Environmental exposure controls :

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid.

Colour :

Odour :

Odour threshold :

pH :

Melting point/freezing point :

Initial boiling point and boiling range :

Flash point :

Evaporation rate :

Flammability (solid, gas) :

Upper/lower flammability or explosive limits :

Vapour pressure :

Vapour density :

Relative density :

Solubility(ies) :

Partition coefficient: n-octanol/ water :

Auto-ignition temperature :

Decomposition temperature :

Viscosity :

Explosive properties :

Oxidising properties :

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

- 10.1 Reactivity :
- 10.2 Chemical stability :
- 10.3 Possibility of hazardous reactions :
- 10.4 Conditions to avoid :
- 10.5 Incompatible materials :
- 10.6 Hazardous decomposition products :

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Conclusion/Summary :

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitisation

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary :

Carcinogenicity

Conclusion/Summary :

Reproductive toxicity

Conclusion/Summary :

Teratogenicity

Conclusion/Summary :

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure :

Potential acute health effects

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact :
 Inhalation :
 Skin contact :

SECTION 11: Toxicological information

Ingestion :

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects :

Potential delayed effects :

Long term exposure

Potential immediate effects :

Potential delayed effects :

Potential chronic health effects

Not available.

Conclusion/Summary :

General :

Carcinogenicity :

Mutagenicity :

Teratogenicity :

Developmental effects :

Fertility effects :

Other information :

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary :

12.2 Persistence and degradability

Conclusion/Summary :

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) :

Mobility :

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects :

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal :




Hazardous waste :

Packaging

Methods of disposal :

Special precautions :

SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3 	3 	3 
14.4 Packing group	II	II	II
14.5 Environmental hazards	No.	No.	No.
Additional information	<u>Special provisions</u> 640 (C) <u>Tunnel code</u> (D/E)	-	-

IMDG Code Segregation group : Not applicable.

14.6 Special precautions for user :

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

Substances of very high concern

None of the components are listed.

SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Other EU regulations

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Aerosol dispensers :

National regulations

References : Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and Regulation (EC) No. 1272/2008 (CLP)

15.2 Chemical safety assessment :

SECTION 16: Other information

✓ Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 2, H225 Eye Irrit. 2, H319	On basis of test data Calculation method

Full text of abbreviated H statements : Not applicable.

Full text of classifications [CLP/GHS] : Not applicable.

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SECTION 16: Other information

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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