SAFETY DATA SHEET

Interbond 1202UPC Metallic grey Part A

Section 1. Identification

Interbond 1202UPC Metallic grey Part A HTA120

: GHS product identifier

: Product code

Identified uses	
Professional application of coatings and inks	
Uses advised against	Reason
All Other Uses	
International Farg AB Holmedalen 3 Aspereds Industriomrade SE-424 22 Angered Sweden	: Supplier's details
Tel: +46 (0) 31 928500 Fax: +46 (0) 31 928530	
+46 8 33 12 31	: Emergency telephone number (with hours of operation)
+966 55 388 0087	: <u>National advisory body/</u> <u>Poison Centre (For use only</u> <u>by licensed medical</u> <u>professionals.)</u>
sdsfellinguk@akzonobel.com	: e-mail address of person responsible for this SDS
Section 2. Hazards identification	
FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (nervous system (CNS) and hearing organs) - Category 1 LONG-TERM AQUATIC HAZARD - Category 3	: Classification of the substance or mixture
GHS label elements	
	: Hazard pictograms
Danger	: Signal word
Flammable liquid and vapour. Causes serious eye irritation. Causes skin irritation. Causes damage to organs through prolonged or repeated exposure. nervous system (CNS), hearing organs) Harmful to aquatic life with long lasting effects.	: Hazard statements

Precautionary statements



Section 2. Hazards identification

Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not breathe gas, vapour or spray.	:	Prevention
Get medical attention if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.	:	Response
Store in a well-ventilated place. Keep cool.	:	Storage
Dispose of contents and container in accordance with all local, regional, national and international regulations.	:	Disposal
Wear appropriate respirator when ventilation is inadequate.	:	Supplemental label elements
None known.	:	Other hazards which do not

Section 3. Composition/information on ingredients

Mixture

: Substance/mixture

result in classification

Classification	CAS number	% by weight	Ingredient name
Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Asp. Tox. 1, H304	1330-20-7	≤10	xylene
Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 (central nervous system (CNS)) (inhalation) Asp. Tox. 1, H304 Aquatic Chronic 2, H411	1174921-79-9	≤10	Hydrocarbons, C9-C12
Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 (central nervous system (CNS)) (inhalation) Asp. Tox. 1, H304 Aquatic Chronic 2, H411	64742-82-1	≤8.5	Naphtha (petroleum), hydrodesulfurized heavy
Flam. Liq. 2, H225 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 (hearing organs) Asp. Tox. 1, H304	100-41-4	≤3	ethylbenzene



Section 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary first aid measures Immediately flush eyes with plenty of water, occasionally lifting the upper and lower : Eye contact eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing. : Inhalation If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. : Skin contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air : Ingestion and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Most important symptoms/effects, acute and delayed Potential acute health effects Causes serious eye irritation. : Eve contact : Inhalation No known significant effects or critical hazards. Causes skin irritation. : Skin contact Irritating to mouth, throat and stomach. : Ingestion Over-exposure signs/symptoms Adverse symptoms may include the following: : Eye contact pain or irritation watering redness : Inhalation Adverse symptoms may include the following: headache drowsiness/fatigue dizziness/vertigo muscle weakness unconsciousness : Skin contact Adverse symptoms may include the following: irritation redness No specific data. : Ingestion

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Contact poison treatment specialist immediately if large : **Notes to physician** quantities have been ingested or inhaled.



Section 4. First aid measures

No specific treatment.

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

: Specific treatments

: Protection of first-aiders

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Use dry chemical, CO₂, water spray (fog) or foam.

Do not use water jet.

Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Decomposition products may include the following materials:

- carbon dioxide carbon monoxide
- metal oxide/oxides

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains : **Er** and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and material for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and : **Small spill** explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.





 Suitable extinguishing media
 Unsuitable extinguishing

media

- : Specific hazards arising from the chemical
- : Hazardous thermal decomposition products
- : Special protective actions for fire-fighters
- : Special protective equipment for fire-fighters
- : For non-emergency personnel
 - : For emergency responders
 - : Environmental precautions

Section 6. Accidental release measures

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Vapours are heavier than air and may spread along floors. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Exposure limits	Ingredient name
ACGIH TLV (United States, 3/2015).	xylene
STEL: 651 mg/m ³ 15 minutes.	
STEL: 150 ppm 15 minutes.	
TWA: 434 mg/m ³ 8 hours.	
TWA: 100 ppm 8 hours.	
ACGIH TLV (United States, 3/2015).	ethylbenzene
TWA: 20 ppm 8 hours.	

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

: Appropriate engineering controls

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: Protective measures

- : Advice on general occupational hygiene
- : Conditions for safe storage, including any incompatibilities

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Section 8. Exposure controls/personal protection

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.	:	Environmental exposure controls
Individual protection measures		
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	:	Hygiene measures
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.	:	Eye/face protection
Skin protection		
Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/ puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.	:	Hand protection
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.	:	Body protection
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	:	Other skin protection
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.	:	Respiratory protection

Section 9. Physical and chemical properties

Appearance	
Liquid.	: Physical state
Metallic.	: Colour
Solvent.	: Odour
Not available.	: Odour threshold
Not applicable.	: рН
Not available.	: Melting point
Not available.	: Boiling point
Closed cup: 33°C (91.4°F)	: Flash point

: 01/06/2017

X.International.

: Incompatible materials

Section 9. Physical and chemical properties

Not available.	: Evaporation rate
	-
Not available.	: Flammability (solid, gas)
Greatest known range: Lower: 1.4% Upper: 7.6% (Hydrocarbons, C9-C12)	: Lower and upper explosive (flammable) limits
Not available.	: Vapour pressure
Not available.	: Vapour density
1.27	: Relative density
Insoluble in the following materials: cold water.	: Solubility
Not available.	: Partition coefficient: n- octanol/water
Not available.	: Auto-ignition temperature
Not available.	: Decomposition temperature
Kinematic (room temperature): 140 mm ² /s (140 cSt)	: Viscosity
Section 10. Stability and reactivity	
No specific test data related to reactivity available for this product or its ingredients.	: Reactivity
The product is stable.	: Chemical stability
Under normal conditions of storage and use, hazardous reactions will not occur.	: Possibility of hazardous reactions

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, **: Conditions to avoid** braze, solder, drill, grind or expose containers to heat or sources of ignition.

Reactive or incompatible with the following materials: oxidizing materials

Under normal conditions of storage and use, hazardous decomposition products : Hazardous decomposition products products

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Exposure	Dose	Species	Result	Product/ingredient name
-	4300 mg/kg	Rat	LD50 Oral	xylene
4 hours	4000 ppm	Rabbit	LC50 Inhalation Gas.	ethylbenzene
-	17800 mg/kg	Rabbit	LD50 Dermal	
-	3500 mg/kg	Rat	LD50 Oral	

Irritation/Corrosion

Observation	Exposure	Score	Species	Result	Product/ingredient name
-	500 milligrams	-	Rabbit	Eyes - Severe irritant	ethylbenzene
	24 hours 15 milligrams	-	Rabbit	Skin - Mild irritant	

Sensitisation

Not available.

Mutagenicity

Not available.

Section 11. Toxicological information

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Target organs	Route of exposure	Category	Name
Respiratory tract irritation Narcotic effects Narcotic effects Respiratory tract irritation	Not applicable. Not applicable. Not applicable. Not applicable.	Category 3 Category 3 Category 3 Category 3	xylene Hydrocarbons, C9-C12 Naphtha (petroleum), hydrodesulfurized heavy ethylbenzene

Specific target organ toxicity (repeated exposure)

Target organs	Route of exposure	Category	Name
central nervous system (CNS)	Inhalation	Category 1	Hydrocarbons, C9-C12
central nervous system (CNS)	Inhalation	Category 1	Naphtha (petroleum), hydrodesulfurized heavy
hearing organs	Not determined	Category 2	ethylbenzene

Aspiration hazard

Result	Name
0,	xylene Hydrocarbons, C9-C12 Naphtha (petroleum), hydrodesulfurized heavy ethylbenzene

Not available.	: Information on likely routes of exposure
Potential acute health effects	
Causes serious eye irritation.	: Eye contact
No known significant effects or critical hazards.	: Inhalation
Causes skin irritation.	: Skin contact
Irritating to mouth, throat and stomach.	: Ingestion
Symptoms related to the physical, chemical and toxicological characteristics Adverse symptoms may include the following: pain or irritation watering redness Adverse symptoms may include the following: headache	: Eye contact : Inhalation
drowsiness/fatigue dizziness/vertigo muscle weakness unconsciousness	

: 01/06/2017



Section 11. Toxicological information	
Adverse symptoms may include the following: irritation redness	: Skin contact
No specific data.	: Ingestion
Delayed and immediate effects as well as chronic effects from short	and long-term exposure
<u>Short term exposure</u>	
Not available.	: Potential immediate effects
Not available.	: Potential delayed effects
Long term exposure	
Not available.	: Potential immediate effects
Not available.	: Potential delayed effects
Potential chronic health effects	
Not available.	
Causes damage to organs through prolonged or repeated exposure.	: General
No known significant effects or critical hazards.	: Carcinogenicity
No known significant effects or critical hazards.	: Mutagenicity
No known significant effects or critical hazards.	: Teratogenicity
No known significant effects or critical hazards.	: Developmental effects
No known significant effects or critical hazards.	: Fertility effects

Numerical measures of toxicity

Acute toxicity estimates

ATE value	Route
55	Dermal Inhalation (vapours)

Section 12. Ecological information

Toxicity

Exposure	Species	Result	Product/ingredient name
48 hours	Crustaceans - Palaemonetes pugio	Acute LC50 8500 µg/l Marine water	xylene
96 hours	Fish - Pimephales promelas	Acute LC50 13400 µg/l Fresh water	
96 hours	Algae - Pseudokirchneriella subcapitata	Acute EC50 3.6 mg/l Fresh water	ethylbenzene
48 hours	Daphnia - Daphnia magna - Neonate	Acute LC50 18.4 to 25.4 mg/l Fresh water	
96 hours	Fish - Menidia menidia	Acute LC50 5.1 to 5.7 mg/l Marine water	

Persistence and degradability

Biodegradability	Photolysis	Aquatic half-life	Product/ingredient name
Not readily	-	-	Hydrocarbons, C9-C12
Not readily	-	-	Naphtha (petroleum),
			hydrodesulfurized heavy
Readily	-	-	ethylbenzene



Section 12. Ecological information

Bioaccumulative potential

Potential	BCF	LogPow	Product/ingredient name
low	8.1 to 25.9	3.12	xylene
high	10 to 2500	-	Hydrocarbons, C9-C12
high	10 to 2500	-	Naphtha (petroleum),
_			hydrodesulfurized heavy
low	15	3.6	ethylbenzene

<u>Mobility in soil</u>

Not available.

: Soil/water partition coefficient (Koc)

No known significant effects or critical hazards.

: Other adverse effects

: Disposal methods

Section 13. Disposal considerations

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

IATA	IMDG	UN	
UN1263	UN1263	UN1263	UN number
PAINT	PAINT	PAINT	UN proper shipping name
3	3	3	Transport hazard class(es)
III			Packing group
No.	No.	No.	Environmental hazards
The environmentally hazardous substance mark may appear if required by other transportation regulations.	-	-	Additional information

Not applicable.



Section 14. Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

: Special precautions for user

: Transport in bulk according to Annex II of Marpol and the IBC Code

Section 15. Regulatory information

No known specific national and/or regional regulations applicable to this product (including its ingredients).

Safety, health and environmental regulations specific for the product

Section 16. Other information

Justification

Not available.

Justification	Classification	
On basis of test data	Flam. Liq. 3, H226	
Calculation method	Skin Irrit. 2, H315	
Calculation method	Eye Irrit. 2A, H319	
Calculation method	STOT RE 1, H372 (central nervous system (CNS) and	
Calculation method	hearing organs) Aquatic Chronic 3, H412	
History		
01/06/2017	: Date of printing	
01/06/2017	 Date of issue/Date of revision 	
10/06/2016	: Date of previous issue	
3	: Version	
ATE = Acute Toxicity Estimate	: Key to abbreviations	
BCF = Bioconcentration Factor		
GHS = Globally Harmonized System of Classification and L	abelling of Chemicals	
IATA = International Air Transport Association		
IBC = Intermediate Bulk Container		
IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficien	t .	
MARPOL = International Convention for the Prevention of F		
1973 as modified by the Protocol of 1978. ("Marpol" = mari		
UN = United Nations		
Not available.	: References	
ndicates information that has changed from previously issued version.		
Notice to reader		

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.

MANUFACTURER'S DISCLAIMER: the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer.



Section 16. Other information

Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

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