










Control Of Substances Hazardous to Health (COSHH) Assessment

Hazardous Substances Information			
Company Name:	Dantaag Ltd	Ref No:	COSHH 001
Manufacturers name:	Adshead Ratcliffe & Co Ltd	Date of current MSDS:	15 th May 2017 (Rev 2)
Substance Name:	Arbofoam	Product Code:	Arbofoam G, Arbofoam R
Substance Form:	Aerosol		
Task/Process:	Sealant. Insulator. Fixative. Filler. Recommended for installation of window and door frames and filling gaps where pipes and other structures pass through walls.		
Location Used:	On site'	Location Stored:	Premises & Vehicles
Quantity Used:	Suitable & sufficient quantities supplied for each job.	Container Size:	750ml
Usage Comments:	Task performed by employees/sub-contractors, area is restricted so no other persons can be affected by the operation. Used short term and risk of exposure via inhalation is minimal.		

Hazardous Symbols & Classifications						
Classifications:	 Harmful/ Irritant/ Sensitising	 Toxic	 Corrosive	 Flammable	 Explosive	 Oxidising
Applicable:	Yes	No	No	Yes	No	No
Classifications:	 Long term Health Hazard	 Contains gas under pressure	 Dangerous to the Environment	Other	Other	Other
Applicable:	Yes	No	No			

Precautionary (P) Phrases	Description
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces – no smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P362 + P364	Take off contaminated clothing and wash it before re-use.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50oC/122oF.
P501	Dispose of contents/container in accordance with local regulations.

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GHS (H) Phrases	Description
H220	Extremely flammable gas.
H222	Extremely flammable material.
H229	Pressurised container. May burst if heated.
H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H362	May cause harm to breast fed children.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.









Workplace Exposure Limits (EH40)					
Substance	Long-term exposure limit 8-hour TWA		Short-term exposure limit 15-min STEL		
	ppm	mg.m ³	ppm	mg.m ³	
Dimethyl Ether	400	766	500	958	
Isobutene	600	1450	750	1810	
Potential Exposure					
Persons Exposed	Employees	Sub-contractors	Trainees	Visitors	The Public
	Yes	Yes	No	No	No





First Aid Treatment	
Eye contact:	Rinse immediately with plenty of water. Remove any contact lenses & open eyes wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Inhalation:	Move affected person to fresh air at once. Get medical attention if any discomfort continues. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
Skin contact:	Use resin removing cream. Wash skin thoroughly with soap & water. Get medical attention if any discomfort continues. Allow cured material to wear from skin. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
Ingestion:	Rinse mouth with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention if any discomfort continues.

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Exposure can occur during:							
Use	Yes	Delivery	No	Maintenance	No	Disposal	No
Frequency of exposure:							
Hourly	No	Daily	Yes	Weekly	Yes	Monthly/Yearly	Yes
Duration of exposure (minutes)							
≤5	Yes	6-30	Yes	30-60	No	≥61	No

Exposure Control	
Hierarchy (The following must be considered as preferred options)	If not possible, why not?
Can you eliminate the use of the hazardous substance for a less hazardous alternative?	No – Best product for task.
Can you enclose the process to reduce the potential for exposure to the substance?	No – Not practical.
Can you control exposure to the substance at source using engineering means (Local Exhaust Ventilation – LEV) or reduce the frequency and/or time?	Suitable respiratory protection must be used at high concentrations (see below).

Personal Protective Equipment (PPE) & Respiratory Protective Equipment (RPE)							
							
Head	Eyes	Feet	Hands	Body	Ears	Face	Lungs
No	Yes	No	Yes	Yes	No	Yes	Yes
	Safety glasses		Impervious gloves e.g. Nitrile Gloves	General workwear/ overalls		Safety Visor	Respiratory equipment must be used if the airborne contamination exceeds the recommended WEL. Wear a respirator fitted with the following cartridge, type A2/P3.

Fire Fighting							
				Other	Other	Other	Other
Water	Foam	Carbon Dioxide	Dry Powder				
No	Yes	Yes	Yes				

Special Instructions

Do not use water jet as an extinguisher as this will spread the fire.

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Spillage Control & Disposal
1. Avoid the spillage or runoff entering drains, sewers or watercourses.
2. Take up mechanically after hardening.
3. Clean (treat) any contaminated surfaces with acetone.
4. Wash promptly if skin becomes contaminated.
5. Dispose of waste & residues in accordance with local authority requirements.

Specific Control Measures
1. Provide adequate ventilation.
2. No smoking and keep away from heat, sparks and open flame.
3. Do not eat, drink or smoke when using this product.
4. Wash at the end of each work shift & before eating, smoking & using the toilet.
5. Store in a cool and well ventilated place. Aerosol cans: must not be exposed to direct sunlight or temperatures above 50°C.
6. Avoid strong oxidising agents, strong alkalis, strong acids.
Note: Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Health Surveillance					
Has any exposure monitoring taken place?					No
If Yes, specify:					
Is health surveillance required?					No
If Yes, state:	Skin/ Dermatology	Spirometry (Lung)	Audiometry (Hearing)	Vibration (HAV)	Other

Overall Risk Evaluation	
Adequately Controlled	Yes
Further Controls Required	No
Unacceptable	No
Further Action Required	
Action:	Nothing further required.
By Who:	
When:	

Issue Record & Authorisation			
Revision No	Issued By	Issue Date	Review Date
001	David Thomas M.Sc. CMIOSH FIIRSM RSP FISOEM FCMI FInstLM MIFireE	29 th Nov 2017	15 th May 2018