





COSHH Assessment - Wheel and Body Repair

Activity
This activity includes preparing the surface for repair, application of filler and hardeners, removal of excess filler and use of plastic repair products. Adhesion promoters are used to prior to painting on plastic surfaces. Fillers are mixed by hand on a board. When mixed the filler is applied to the required surface using a plastic spreader. When the filler has fully cured, it is then sanded and shaped to a smooth finish using abrasive discs attached to a powered sander or using a handheld block.






Substance(s) used	Who is at Risk?	
A range of substances in aerosol, tin and tube form dispensing filler, hardener and other products required for repair	Technicians, bystanders and other employees	
	Likelihood of harm without controls	Medium
	Likely severity without controls	Medium
How are people exposed?		
Exposure occurs through mixing and application of substances. Exposure to dust can occur during sanding. Ingestion, inhalation, skin and eye contact may occur.		

Workplace Exposure Limit (WEL) – see individual Safety Data Sheets	
Hazard Statements	
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H226	Flammable liquid
H229	Pressurised container: May burst if heated
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation.
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H360FD	May damage fertility or the unborn child
H361	Suspected of damaging fertility or the unborn child
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure.
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
H412	Harmful to aquatic life with long lasting effects

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Serious long-term health hazard	Flammable	Harmful	Harmful to the Environment
			

Precautions	
Handling	Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Take precautionary measures against static discharge. Do not breathe vapours. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection.
Storage	Store in a well-ventilated place when in use, keep cool. Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep upright. Keep in original container. Do not store near heat sources or expose to high temperatures. Store in flammable cupboard when not in use. Keep away from the following materials to prevent strong exothermic reactions: oxidising agents and strong acids.
Spillages	Cover spill with non-combustible material, e.g. sand, earth, vermiculite. Take up liquid spill into absorbent material. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorised site.
Disposal	Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Do not puncture or incinerate even when empty

PPE Required				
Eye Protection	Gloves	Overalls	Mask/Respirator	Other
				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<ul style="list-style-type: none"> These products are an irritant and can cause damage to eyes so eye protection must be worn to avoid exposure Gloves should be worn to protect the skin from splashes as long-term exposure can cause dermatitis or other skin conditions. Some fillers, hardeners and other substances can cause damage to organs, upper respiratory tract and central nervous system if ingested/inhaled therefore a mask should be worn when using large quantities 				

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Emergency Procedures – First aid and Fire fighting	
Inhalation	Remove victim immediately from source of exposure. Move injured person into fresh air and keep person calm under observation. Place unconscious person on the side in the recovery position and ensure breathing can take place. Perform artificial respiration if breathing has stopped. Seek medical advice
Ingestion	Immediately rinse the mouth and drink plenty of water or milk. Keep the person under observation. Do not induce vomiting. If vomiting occurs, keep the head low. Do not give the victim anything to drink if they are unconscious. When at risk of unconsciousness, place and transport the victim in a secured side position to hospital
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. Get medical attention promptly if symptoms occur after washing
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Do not rub eye. Get medical attention if any discomfort continues
Fire fighting	Water spray. Dry powder. Foam. Carbon dioxide. Do not use a heavy water stream

Safe System of Work (Tick to confirm this control is in place and effective)	
Disposable gloves and eye protection are worn when handling fillers	✓
Eye wash facilities are available in the van	✓
Activities are carried out externally with adequate ventilation	✓
Health surveillance is carried out annually	✓
Lids are kept on tins when not in use and stored away	✓
Safety Data Sheets are available/checked where required	✓
Products used are clearly marked and kept in its original container	✓
Products are stored away from sources of ignition	✓
Aerosols are used in short bursts in well-ventilated areas	✓
Any used rags/material are placed in a container which is lidded after use	✓
Technicians are competent and aware of the risks	✓
Fume masks are available and worn when exposure to vapour is likely	✓
Dust masks are worn when carrying out sanding activities	✓
Provided all Control Measures are followed then the risk will be reduced to the lowest level possible.	

Are hazards to health adequately controlled with all necessary control measures in place?	Yes	✓	No	
If these controls are not in place, or additional controls are required, state the action to be taken.				
Please Note – COSHH substances must NOT be used if adequate control measures are not in place				
Additional Control measures required				
If an employee is planning to become pregnant or is pregnant then a review of substances should be completed as a priority.				
Any other observations or comments				
A review of safer fillers and associated products should be undertaken regularly with suppliers				

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Assessed by (Name)	Julie Eley CMIOSH
Signature	
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