

HEALTH, SAFETY, AND ENVIRONMENTAL PROCEDURES



COSHH ASSESSMENT

ACTIVITY/PRODUCT TO BE ASSESSED:	Equipment cleaner mixture (Cleaning)			REFERENCE:	COSHH 010
				DATE:	21/01/2021
ORGANISATION:	Humphrey and Stretton Limited				
DESCRIBE THE ACTIVITY OR WORK PROCESS:	Substance for cleaning of paint mixing tools.				
LOCATON OF PROCESS BEING CARRIED OUT:	Spraying area				
IDENTIFY PERSONS AT RISK:	The Operative <input checked="" type="checkbox"/>	Other Employees <input checked="" type="checkbox"/>	Other Contractors <input type="checkbox"/>	Any Visitors <input type="checkbox"/>	General Public <input type="checkbox"/>
EUROPEAN CLASSIFICATION (CLP REGS) (Mandatory from 01/06/15)					
	Toxic <input checked="" type="checkbox"/>			Corrosive <input type="checkbox"/>	
	Flammable <input checked="" type="checkbox"/>			Oxidising <input type="checkbox"/>	
	Gas Under Pressure <input type="checkbox"/>			Danger to Environment <input checked="" type="checkbox"/>	
	Explosive <input type="checkbox"/>			Caution / Irritant <input checked="" type="checkbox"/>	
	Serious - Long-Term Health Hazard <input checked="" type="checkbox"/>				
TYPE OF HAZARD:	Gas <input type="checkbox"/>	Vapour <input type="checkbox"/>	Mist <input checked="" type="checkbox"/>	Fume <input type="checkbox"/>	
	Dust <input type="checkbox"/>	Liquid <input checked="" type="checkbox"/>	Solid <input type="checkbox"/>	Other <input type="checkbox"/>	
STATE THE RISKS TO HEALTH FROM IDENTIFIED HAZARDS:	<p>Lung damage (if swallowed)</p> <p>Skin irritation and mucus membrane</p> <p>Vapours in an enclosed area would have a narcotic effect, dependant on the exposure levels.</p>				

WORKPLACE EXPOSURE LIMITS (WELs)

INGREDIENT:	SHORT TERM EXPOSURE LIMIT (15 MINS):	LONG TERM EXPOSURE LEVEL (8 HOUR TWA):
TOLUENE	384 mg/m ³	191 mg/m ³
ETHYL ACETATE	400 ppm	200 ppm
XYLENE	441 mg/m ³	220 mg/m ³
N-HEXANE	NO LIST	72 mg/m ³
ETHANOL	N/A	1920 mg/m ³
ETHYL METHYL KETONE	899 mg/m ³	600 mg/m ³
ACETONE	3620 mg/m ³	1210 mg/m ³
N-BUTYL ACETATE	966 ppm	724 ppm
PROPAN-2-OL	1250 mg/m ³	999 mg/m ³
ISOPROPYL ACETATE	849 mg/m ³	NO STD
METHYL ACETATE	770 mg/m ³	616 mg/m ³
METHANOL	333 mg/m ³	266 mg/m ³
ISOBUTANOL	231 mg/m ³	154 mg/m ³
4-METHYLPENTAN-2-ONE	416 mg/m ³	208 mg/m ³
PROPYL ACETATE	1060 mg/m ³	849 mg/m ³
BUTAN-1-OL	154 mg/m ³	N/A
PROPAN-1-OL	625 mg/m ³	500 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT (TYPE AND STANDARD):

	Dust Mask	<input type="checkbox"/>			Visor	<input type="checkbox"/>	
	Respirator	<input checked="" type="checkbox"/>	Self-contained breathing apparatus must be available in case of emergency		Glasses	<input checked="" type="checkbox"/>	Wear tight fitting goggles with side protection. Ensure there is an eye bath in close proximity
	Gloves	<input checked="" type="checkbox"/>	Wear rubber gloves		Overalls	<input checked="" type="checkbox"/>	Wear protective clothing
	Safety Footwear	<input checked="" type="checkbox"/>	Wear safety footwear		Other	<input type="checkbox"/>	

FIRST AID		
ROUTE OF EXPOSURE:	SYMPTOM:	FIRST AID TO BE APPLIED:
EYES	IRRITANT	<p>Immediately flood the eye with plenty of water for at least 15 minutes, holding they eye open.</p> <p>Remove any contact lenses and open eyes wide apart. Get medical attention of any discomfort continues.</p> <p>There may be irritation and redness. The eyes may water profusely.</p>
INGESTION	HARMFUL	<p>Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING.</p> <p>There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.</p>
INHALATION	HARMFUL	<p>Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.</p> <p>There may be irritation of the throat with a feeling of tightness in the chest.</p>
SKIN	IRRITANT	<p>Remove all contaminated clothes and footwear immediately unless stuck to skin.</p> <p>Drench the affected area with running water for 10 minutes or longer. If substance is still on skin, consult a doctor.</p> <p>There may be irritation and redness at the site of contact.</p>
PRECAUTIONS TO BE TAKEN WHEN DEALING WITH THE FOLLOWING:		
FIRE	<p>Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.</p> <p>Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.</p> <p>Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.</p>	
DISPOSAL	<p>Transfer to a suitable container and arrange for collection by specialist disposal company.</p> <p>The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.</p>	
SPILLAGE	<p>Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.</p> <p>Clean-up procedures: Absorb into dry earth or sand. Transfer into a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean up procedure which may produce sparks.</p>	

STORAGE	Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.					
	Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build-up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.					
ADDITIONAL CONTROLS TO BE APPLIED (E.G. EXTRACTION, TRAINING, SUPERVISION ETC.):						
IS EXPOSURE ADEQUATELY CONTROLLED?			YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
RISK RATING FOLLOWING CONTROL MEASURES:		High	<input type="checkbox"/>	Medium	Low	<input type="checkbox"/>
THIS ASSESSMENT CARRIED OUT REVIEWED BY:						
NAME:	Calogero Gattuso	SIGNATURE:	<i>Calogero Gattuso</i>	DATE:	21/01/2021	
CONTROLS CHECKED BY:	Dave Humphrey	SIGNATURE:		DATE:		