

HEALTH, SAFETY, AND ENVIRONMENTAL PROCEDURES



COSHH ASSESSMENT









ACTIVITY/PRODUCT TO BE ASSESSED:	NITROGEN COMPRESSED		REFERENCE:	COSHH 003	
			DATE:	21/01/2021	
ORGANISATION:	Humphrey and Stretton Limited				
DESCRIBE THE ACTIVITY OR WORK PROCESS:	Used for the Edgebanding Machine				
LOCATON OF PROCESS BEING CARRIED OUT:	Located in the manufacturing 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 type="checkbox"/>	Corrosive <input type="checkbox"/>
Flammable <input type="checkbox"/>	Oxidising <input type="checkbox"/>
Gas Under Pressure <input checked="" type="checkbox"/>	Danger to Environment <input type="checkbox"/>
Explosive <input checked="" type="checkbox"/>	Caution / Irritant <input type="checkbox"/>
Serious - Long-Term Health Hazard <input type="checkbox"/>	

TYPE OF HAZARD:	Gas <input type="checkbox"/>	Vapour <input checked="" type="checkbox"/>	Mist <input type="checkbox"/>	Fume <input type="checkbox"/>
	Dust <input type="checkbox"/>	Liquid <input type="checkbox"/>	Solid <input type="checkbox"/>	Other <input type="checkbox"/>

STATE THE RISKS TO HEALTH FROM IDENTIFIED HAZARDS:	<p>In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation.</p> <p>Remove victim to uncontaminated area wearing self-contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.</p>
---	--

WORKPLACE EXPOSURE LIMITS (WELs)						
INGREDIENT:		SHORT TERM EXPOSURE LIMIT (15 MINS):		LONG TERM EXPOSURE LEVEL (8 HOUR TWA):		
None set.						
PERSONAL PROTECTIVE EQUIPMENT (TYPE AND STANDARD):						
	Dust Mask	<input type="checkbox"/>			Visor	<input type="checkbox"/>
	Respirator	<input type="checkbox"/>			Glasses	<input checked="" type="checkbox"/> Wear eye protection to EN 166 when using gases.
	Gloves	<input checked="" type="checkbox"/>	Wear working gloves while handling containers Guideline: EN 388 Protective gloves against mechanical risks.		Overalls	<input type="checkbox"/>
	Safety Footwear	<input checked="" type="checkbox"/>	Wear safety footwear		Other	<input checked="" type="checkbox"/> Do not eat, drink or smoke when using the product.
FIRST AID						
ROUTE OF EXPOSURE:	SYMPTOM:	FIRST AID TO BE APPLIED:				
EYES	N/A	N/A				
INGESTION	N/A	N/A				
INHALATION	HARMFUL	<p>In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation. Remove victim to uncontaminated area wearing self-contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.</p>				
SKIN	N/A	N/A				

PRECAUTIONS TO BE TAKEN WHEN DEALING WITH THE FOLLOWING:

<p align="center">FIRE</p>	<p>General Fire Hazards: Heat may cause the containers to explode.</p> <p>Extinguishing media Suitable extinguishing media: Material will not burn. In case of fire in the surroundings: use appropriate extinguishing agent.</p> <p>Unsuitable extinguishing media: None.</p> <p>Special hazards arising from the substance or mixture: None.</p> <p>Hazardous Combustion Products: None.</p> <p>Advice for firefighter's Special firefighting procedures: In case of fire: Stop leak if safe to do so. Continue water spray from protected position until container stays cool. Use extinguishants to contain the fire. Isolate the source of the fire or let it burn out.</p> <p>Special protective equipment for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Guideline: EN 469 Protective clothing for firefighters. Performance requirements for protective clothing for firefighting. EN 15090 Footwear for firefighters. EN 659 Protective gloves for firefighters. EN 443 Helmets for fire-fighting in buildings and other structures. EN 137 Respiratory protective devices - Self-contained open circuit compressed air breathing apparatus with full face mask</p>
<p align="center">DISPOSAL</p>	<p>Do not discharge into any place where its accumulation could be dangerous. Vent to atmosphere in a well ventilated place.</p> <p>Refer to the EIGA code of practice (Doc.30 "Disposal of Gases", downloadable at http://www.eiga.org) for more guidance on suitable disposal methods. Dispose of container via supplier only. Discharge, treatment, or disposal may be subject to national, state, or local laws.</p>
<p align="center">SPILLAGE</p>	<p>Evacuate area. Provide adequate ventilation.</p> <p>Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Guideline EN 137 Respiratory protective devices - Self-contained open-circuit compressed air breathing apparatus with full face mask - Requirements, testing, marking.</p>
<p align="center">STORAGE</p>	<p>Only experienced and properly instructed persons should handle gases under pressure.</p> <p>Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Refer to supplier's handling instructions.</p> <p>The substance must be handled in accordance with good industrial hygiene and safety procedures. Protect containers from physical damage; do not drag, roll, slide or drop.</p> <p>Do not remove or deface labels provided by the supplier for the identification of the container contents.</p> <p>When moving containers, even for short distances, use appropriate equipment: Trolley, hand truck, fork truck etc.</p> <p>Secure cylinders in an upright position at all times, close all valves when not in use.</p> <p>Provide adequate ventilation.</p> <p>Do not allow back feed into the container. Avoid suck back of water, acid and alkalis.</p>

Keep container below 50°C in a well-ventilated place.
 Observe all regulations and local requirements regarding storage of containers.
 When using do not eat, drink, or smoke.
 Store in accordance with local/regional/national/international regulations.
 Never use direct flame or electrical heating devices to raise the pressure of a container.
 Leave valve protection caps in place until the container has been secured against either a wall or bench or placed in a container stand and is ready for use.
 Damaged valves should be reported immediately to the supplier.
 Close container valve after each use and when empty, even if still connected to equipment.
 Never attempt to repair or modify container valves or safety relief devices.
 Replace valve outlet caps or plugs and container caps when supplied as soon as container is disconnected from equipment.
 Keep container valve outlets clean and free from contaminants particularly oil and water. If user experiences any difficulty operating container valve discontinue use and contact supplier.
 Never attempt to transfer gases from one container to another. Container valve guards or caps should be in place.

Conditions for safe storage, including any incompatibilities:
 Containers should not be stored in conditions likely to encourage corrosion. Stored containers should be periodically checked for general conditions and leakage.
 Container valve guards or caps should be in place. Store containers in location free from fire risk and away from sources of heat and ignition. Keep away from combustible material.

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	<input type="checkbox"/>	Low

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:	