

MATERIAL SAFETY DATA SHEET FOR COATED ABRASIVES

**1. Identification of Product and Company:**

**1.1 Product Name / Item No.:** Flap Wheel / 1075900, 1075905, 1075915, 1075920, 1075925, 1075935, 1075940, 1075945, 1075955  
Mounted Flap Wheels diameter 10 mm to 100 mm and width 3 mm to 100 mm

**1.2 Application**

Coated abrasives for the grinding/sanding of different kinds of materials.

**1.3 Company identification:**

Supplier: Paul H. Gesswein & Co., Inc.  
201 Hancock Ave., Bridgeport, CT 06605  
Phone: 203-366-5400, FAX 203-366-3953

**1.4 Emergency phone number:** CHEMTEL - 800-255-3924

Enter the national wide emergency number.

**2. Composition/Information on Ingredients**

The product contains the following marking required ingredients as per 67/548 EEC and 99/45 EC

Name	CAS	EG Nr. (ELINCS/E INECS)	Concentration area	Classifi - cation	R -Phrases
cryolite	15096-52-3	237-410-6	0 - 9 %	T, Xn, N	R20/22,48/23/25,51/53

**3. Hazards Identification**

Not applicable  
Abrasives are not dangerous substances or preparations as defined in EC directive N° 99/45.  
See also section 8 and 16.

**4. First Aid Measures**

See also section 8 and 16

Inhalation: not possible, due to the form of the product  
Eye contact: not possible, due to the form of the product  
Skin contact: no harmful effects known  
Ingestion: not likely, due to the form of the product  
If necessary contact physician

**5. Fire Fighting Measures**

Toxic fumes may occur. Use respiratory protective equipment.

Extinguishing Media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials

**6. Accidental release measures**

Not applicable.

**7. Handling and Storage**

Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

**8. Exposure Controls / Personal Protection**

Before grinding risk assessment should be performed and individual personal protection measures adopted accordingly.

## 8.1. Exposure Limits

Keep limits of the following components under surveillance  
(Observe the regional official regulations for dust)

	Name	CAS	EG Nr.	Concentration limits (daily average value)
	cryolite	15096-52-3	237-410-6	TRGS900 (Germany) = 2,5 ppm total dust, calculated as fluorine, top limitation, categories II, 2

Note: Hazardous dust of workpiece material may be generated during grinding and/or sanding operations.

## 8.2. Exposure control and limitations

## 8.2.1. Exposure control and limitations of the work environment

Observe the regional official regulations for dust

## 8.2.1.1. Respiratory protection: Use respiratory equipment

(type depends on specific application and material being ground)

## 8.2.1.2. Hand protection: Wear protective gloves

(type depends on specific application and material being ground)

## 8.2.1.3. Eye protection: Wear protective goggles or face shield

(type depends on specific application and material being ground)

## 8.2.1.4. Hearing protection: Use hearing protection

(type depends on specific application and material being ground)

## 8.2.1.5. Body protection: Use protective clothing

(type depends on specific application and material being ground)

**9. Physical and Chemical Properties**

9.1	Physical state:	solid
9.2	Colour:	variable
9.3	Solubility in water:	not applicable

**10. Stability and Reactivity**

## Stability

Coated Abrasives are stable when handled or stored

## Reactivity

- 10.1 Conditions to avoid:  
No decomposition in normal use.
- 10.2 Materials to avoid:  
No dangerous reactions known.
- 10.3 Hazardous decomposition products:  
At temperatures exceeding 250 C hazardous or toxic decomposition products may be generated

**11. Toxicological Information**

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.  
See also section 8.

**12. Ecological Information**

12.1	Ecotoxicity:	no effects known
12.2	Mobility:	no potentials known
12.3	Persistence and degradability:	no biodegradable potentials known
12.4	Bioaccumulative potential:	no potentials known
12.5	Other hazardous effects:	no effects known

**13. Disposal Considerations**

## 13.1. Product

Follow national and regional regulations!

Due to the ingredients (sum concentration under the limit) disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121),

Due to the ingredients (sum concentration above the limit) disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

## 13.2. Packing

Follow national and regional regulations!

**14. Transport Information**

The product is not covered by international regulation on the transport of dangerous goods.

**15. Regulatory Information**

No specific marking requirements under respective EC directives

**16. Other Information**

R-phrases for cryolite:

R 20/22	Harmful by inhalation and if swallowed
R 48/23/25	Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.