



SAFETY DATA SHEET

Date Issued- 6/1/2015
SDS no.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION	LIPPROX®
CHEMICAL NAME	Convolute construction of the non-woven abrasive web
GENERAL USE	Deburring, some coil cleaning prior to coating, and precision oxide removal
MANUFACTURER ADDRESS	Osborn 3440 Symmes Rd. Hamilton OH 45015 USA
CONTACT NUMBER	
EMERGENCY CONTACT	PLANT OPERATIONS
EMERGENCY PHONE	
24 HOUR EMERGENCY	
TELEPHONE NUMBER	CHEMTREC (24 HOURS) 800-424-9300

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS

Following recommendations are fundamental rules with respect to dust and other particles emitted during the grinding operation. They must be heeded as well as the information in the safety data sheets relating to the material to be ground and the cooling lubricant used.

POTENTIAL HEALTH EFFECTS

Eye:	May cause eye irritation
Skin	May cause mild skin irritation
Ingestion	Large oral doses may cause irritation
Inhalation	Avoid breathing dust when used in a buffing process
Chronic	None expected

GHS Label requirements

Pictogram -- None
Signal Word--- None

Hazard Statement

Precautionary Statements

P261	Avoid breathing dust from buffing operations
P280	Wear protective gloves/protective clothing/eye protection/ face protection
P304+ P340	If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351	If in eyes: Wash cautiously with water for 15 minutes.

3. COMPOSITION/INGREDIENT INFORMATION

Ingredients	CAS		Weight %
Silicon Carbide* - SiC	409-21-2		Depends of the density
Aluminium Oxide* - Al ₂ O ₃	1344-28-1		Depends of the density
Phenolic paper tubes		Not Hazardous	Depends of the density
Foam "C"		Epoxy resin + Polyurethane	Depends of the density
Foam "R"		Epoxy resin + Polyurethane	Depends of the density

* They are an alternative of the other one

4. FIRST AID MEASURES

Inhalation	Leave the danger zone and if the symptoms persist seek medical assistance.
Skin Contact	Wash with soap and water. Get medical attention if irritation or rash develop.
Eye Contact	Immediately flush eyes with plenty of water for 15 minutes. If abrasive particles are not removed, obtain medical attention.
Ingestion	For larger amounts do not induce vomiting, but give of water and obtain medical advice.

5. FIRE FIGHTING MEASURES

Flash Point	Not applicable for Lipprox® but for greasy grinding dust.
Extinguishing Media	Water, extinguishing powder, extinguishing foam, sand, CO ₂ , depending on the conditions, special attention must be given to re-ignition.
Fire fighting Procedure	Remove ignition source and fight fire as if it were a grease fire.
Special Protective Equipment	Protective equipment for fire-fighters: Full emergency equipment with self-contained breathing apparatus must be worn.
Hazardous Combustion Products	If heated to high temperature the product may emit carbon monoxide and carbon dioxide

6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions None known

Methods for Clean up The dust arising is largely created by the stock removal and the abrasive composition applied. Sufficient extraction must be installed.

7. HANDLING AND STORAGE

Handling Ensure that LIPprox® tools are not damaged in any way so that they may break when under load in an application.

Storage Protect LIPPROX® from rain and extreme temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values	10 mg/ m3 as dust
Engineering Measures	Ventilation to keep dust level at exposure limits
Hygiene Measures	
Respiratory Protection Hand Protection Eye Protection Skin Protection	Wear a dust mask Wear gloves Wear safety glasses with side shields or goggles Wash with soap and water before eating or after shift

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Solubility in Water	N/A
Color	Foam "C" - White	Flash Point	N/A
Color	Foam "R" - Blue	Vapor Density	N/A
Boiling Point	N/A	Evaporation Rate	N/A
Melting Point	N/A	Odor	Almost no smell
Specific Gravity	N/A	VOC	
pH	N/A		
Autoignition Temperature	N/A		

These materials are multi component bonded fiber abrasive fabrics, not chemicals.

Therefore most clauses above and below are not relevant.

10. STABILITY AND REACTIVITY

Stability	N/A
Conditions to Avoid	Extreme heat
Incompatible Materials	Strong acids and bases, strong oxidants and solvents that could change the mechanical features of the LIPPROX® create danger when used on a finishing machine.
Hazardous Decomposition Products	None if used for specified purpose.
Hazardous Polymerization	N/A

11. TOXICOLOGICAL INFORMATION

Eyes	May cause irritation from abrasion.
Skin Contact	May cause irritation
Skin Absorption	Not likely
Inhalation	Dust form buffing operation may cause irritation
Swallowing	No adverse effect is expected

12. ECOLOGICAL INFORMATION

Ecological Information No data available

Bioaccumulative Potential No data available

Comments

13. DISPOSAL CONSIDERATIONS

General

LIPPROX® are inert products made of abrasive nonwoven filaments including abrasives and synthetic bonding. The described abrasive tools are non-hazardous materials or preparations per EU directive 88/379 and do not create any risk during handling or storage. When used on grinding machines special safety precautions are necessary to protect the user. The dust arising is largely created by the stock removal and the abrasive composition applied. Sufficient extraction must be installed.

Packaging

Protect LIPPROX® from rain and extreme temperatures. Ensure that LIPPROX® tools are not damaged in any way so that they may break when under load in an application

14. TRANSPORTATION INFORMATION

DOT Not regulated

IMDG Classification Not regulated

ICAO Classification Not regulated

15. REGULATORY INFORMATION

EU regulations:

None – also not necessary to record according to EU directives 88/379 ENG.

If necessary pay attention to national or local regulations.

16. OTHER INFORMATION

Revision Number

Supersedes Date 01/06/2015

HMIS Rating 1-0-0-0

Manufacturer Disclaimer

The details given are based on our present level of knowledge and experience. The safety data sheet describes the products with respect to safety requirements. These details are not to be considered as a guarantee.