1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name	:	TEGO ADDBOND LTH
Chemical Name	:	Special Polyester resin

1.2. Recommended use of the chemical and restrictions on use

Recommended use	:	Industrial Use
Non-recommended use(s)	:	None known.

1.3. Details of the supplier of the safety data sheet

Company	:	Evonik Corporation Consumer Specialties PO Box 1299 HOPEWELL VA 23860 USA
Telephone	:	+1 (0)804 541-8658
Telefax	:	+1 (0)804 541-2783
E-mail	:	productsafety-cs@evonik.com

Contact Canada

Company	:	Evonik Canada Inc. PO Box 5057 3380 South Service Road Burlington ON L7N 3J5 Canada
Telephone	:	+1 (0)905-336-3423
Telefax	:	+1 (0)905-332-5632
E-mail	:	productsafety-cs@evonik.com

1.4. Emergency telephone number

Emergency information	:	Non-Emergency Phone Number : (800) 732-5616 In case of emergency call CHEMTREC US: 1-800-424-9300, CHEMTREC WORLD: 1-703-527-3887.

24 HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC - US & CANADA toll free: +1-800-424-9300
CHEMTREC - MEXICO toll free: 01-800-681-9531
CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

2. Hazards identification

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to 29 CFR 1910.1200.

2.2. Label elements

The product does not require a hazard warning label in accordance with GHS. The normal safety precautions for the handling of chemicals must be observed.

Additional labeling codes.	:	May produce an allergic reaction.

2.3. Other hazards

None known

3. Composition/information on ingredients

3.1. Substances

Classification according to Regulation 29CFR 1910.1200

Chemical Name	NJ Trade secrets CAS-No.	Concentration	Classification
1,3-Isobenzofurandione	- 85-44-9	>= 0.5 % - < 1 %	

Texts of H phrases, see in Chapter 16

3.2. Mixtures

-

4. First aid measures

4.1. Description of first aid measures

General advice : Remove soiled or soaked clothing immediately

Inhalation : If inhalated remove from side of exposure to fresh air, seek medical advice.

Skin contact : In case of contact with skin wash off with soap and water.
Consult a doctor if skin irritation persists.
After contact with molten product cool quickly with cold water
Do not pull solidified product from skin

Eye contact : In case of contact with eyes rinse thoroughly with water.
In the event of symptoms seek medical advice.

Ingestion : Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
In the event of symptoms seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media : Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:
- carbon dioxide, carbon monoxide
Under certain conditions of combustion traces of other toxic substances cannot be excluded

5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases
Use self-contained breathing apparatus

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.
Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains or waterways
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Pick up mechanically
Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	:	Provide good ventilation of working area (local exhaust ventilation if necessary).
Handling	:	no data available
Hygiene measures	:	Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. Do not eat, drink or smoke when working. Use barrier skin cream.
General protective measures	:	Avoid contact with eyes and skin Do not inhale dust/fumes/aerosols.

7.2. Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information	:	Dust can form an explosive mixture with air. Avoid formation of dust Take precautionary measures against electrostatic loading. Keep away from sources of ignition

Storage

Information	:	none
Further information on storage conditions	:	Keep container tightly closed in a well-ventilated place

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term
1,3-Isobenzofurandione	85-44-9	ACGIH (2011)	TWA	1 ppm	
		NIOSH (2010)	REL	1 ppm 6 mg/m3	

		OSHA Z1 (02 2006)	PEL	2 ppm 12 mg/m3	

8.2. Exposure controls

Engineering controls

Personal protective equipment

Eye protection	:	This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.
Hand protection	:	gloves made of nitril (NBR)
Body Protection	:	protective clothing
Respiratory protection	:	in case of formation of vapours/dusts: Short term: filter apparatus, combination filter A-P2

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	solid
Form	:	Pellets
Colour	:	Transparent
Odour	:	slight
Odour Threshold	:	not measured
pH	:	not applicable
Melting point	:	Melting temperature 90 - 102 °C
Boiling point	:	Boiling temperature Remarks: not applicable
Flash point	:	Not applicable
Evaporation rate	:	not measured
Flammability	:	no data available
Upper Explosion/Ignition Limit	:	not measured
Lower explosion limit	:	not measured
Vapour pressure	:	not applicable
Relative vapour density	:	not measured
Relative density	:	no data available
Solubility	:	not measured

Water solubility	:	insoluble
Partition coefficient (n-octanol/water)	:	not measured
Autoignition temperature	:	not measured
Thermal decomposition	:	not measured
Viscosity, kinematic	:	no data available
Viscosity, dynamic	:	not determined
Explosive properties	:	not measured
Oxidising properties	:	not measured

9.2. Other information

Density	:	ca. 1.23 g/cm3 (20 °C)
Metal corrosion	:	not measured
Ignition temperature	:	> 450 °C Method: DIN 51794

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

Unknown

10.5. Incompatible materials

Unknown

10.6. Hazardous decomposition products

None with proper storage and handling.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	no data available
Acute toxicity (inhalation)	:	no data available

Acute toxicity (dermal)	:	no data available
Irritation/corrosion of the skin	:	no data available
Serious eye damage/ eye irritation	:	no data available
Respiratory/skin sensitization	:	no data available
Repeated dose toxicity	:	no data available

CMR assessment

Carcinogenicity	:	no data available
Mutagenicity	:	no data available
Teratogenicity	:	no data available
Toxicity to reproduction	:	no data available
Genotoxicity in vitro	:	bacterial reverse mutation assay (e.g. Ames test) Metabolic activation: with and without Result: negative
Carcinogenicity	:	Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.
Specific Target Organ Toxicity - Single exposure	:	no data available
Specific Target Organ Toxicity - Repeated exposure	:	no data available
Aspiration hazard	:	No Aspiration toxicity classification
Other information	:	Proper use provided, no adverse health effects have been observed or have been come to our knowledge. Due to the composition of the product it cannot be excluded: Possibility of sensitisation through skin contact. Sensitisation possible through inhalation

12. Ecological information

Ecotoxicology Assessment

Acute aquatic toxicity	:	no data available
Chronic aquatic toxicity	:	no data available

12.1. Toxicity

Aquatoxicity, fish	:	no data available
Aquatoxicity, invertebrates	:	no data available
Aquatoxicity, algae / aquatic plants	:	no data available

Toxicity in microorganisms	:	no data available
chronic toxicity in fish	:	no data available
Chronic toxicity in aquatic Invertebrates	:	no data available
Toxicity in organisms which live in the soil	:	no data available
Toxicity in terrestrial plants	:	no data available
Toxicity to Above-Ground Organisms	:	no data available

12.2. Persistence and degradability

Photodegradation	:	no data available
Biological degradability	:	no data available
Physico-chemical removability	:	no data available
Biochemical Oxygen Demand (BOD)	:	no data available
Chemical Oxygen Demand (COD)	:	no data available
relation of BOD/COD	:	no data available
Dissolved organic carbon (DOC)	:	no data available
Adsorbed organic bound halogens (AOX)	:	no data available
Distribution among environmental compartments	:	no data available

12.3. Bioaccumulative potential

Bioaccumulation	:	no data available

12.4. Mobility in soil

Environmental distribution	:	no data available

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment	:	no data available

12.6. Other adverse effects

General Information : Do not allow to enter drains or waterways. Do not discharge into the soil/subsoil.

13. Disposal considerations

13.1. Waste treatment methods

Product : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Not dangerous according to transport regulations.

14.1	UN number:	--
14.2	UN proper shipping name:	--
14.3	Transport hazard class(es):	--
14.4	Packing group:	--
14.5	Environmental hazards:	--
14.6	Special precautions for user:	No

15. Regulatory information

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada : WHMIS CLASSIFICATION
Non-WHMIS
This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

1,3-Isobenzofurandione 85-44-9

US regulations:

SARA Title III Section 311/312 Hazard Categories : No SARA Hazards

CERCLA : CAS 85-44-9 : 5000 lbs

Other regulations : CTFA: complies

State Right to Know : MASS RTK: YES
- 1,3-Isobenzofurandione (CAS-No.: 85-44-9)

RH IS RTK: YES
- 1,3-Isobenzofurandione (CAS-No.: 85-44-9)

NJ RTK: YES

- 1,3-Isobenzofurandione (CAS-No.: 85-44-9)

PENN RTK: YES
- 1,3-Isobenzofurandione (CAS-No.: 85-44-9)

California Proposition 65 Statement	:	Notification : No This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

HMIS Ratings	Health:	1
	Flammability:	1
	Reactivity:	0
	Personal Protection:	X

Notification status

USA (TSCA)	:	listed/registered or exempted
Canada (DSL)	:	listed/registered or exempted

16. Other information

List of references

Other information	:	none
Revision date	:	12/01/2014

Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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Legend

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association
vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization